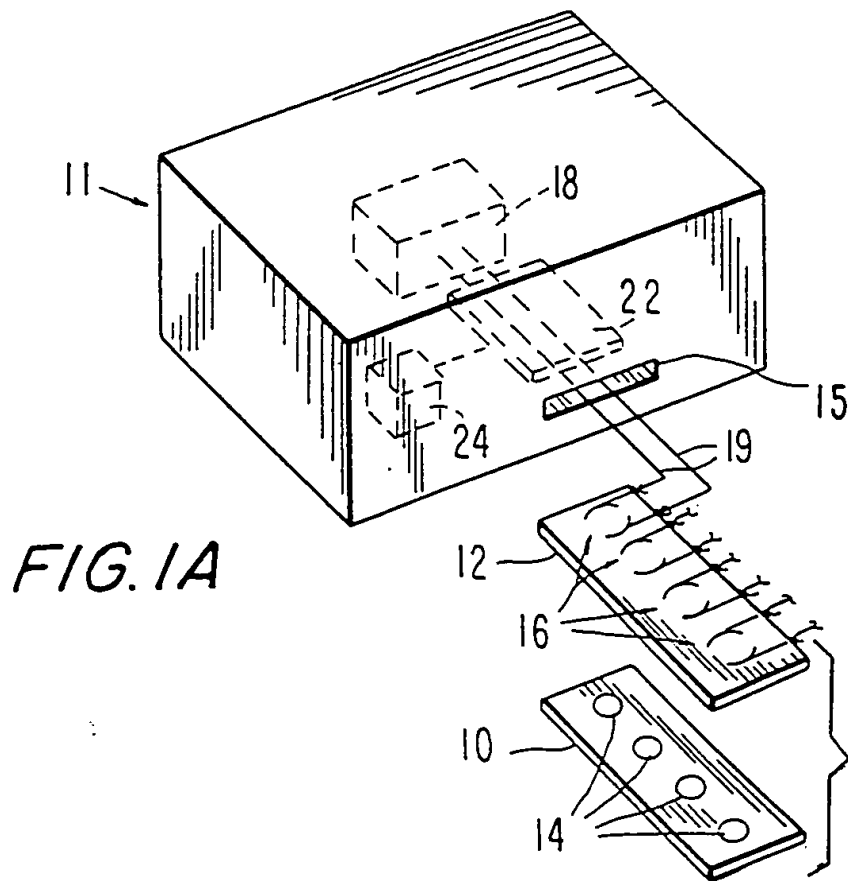
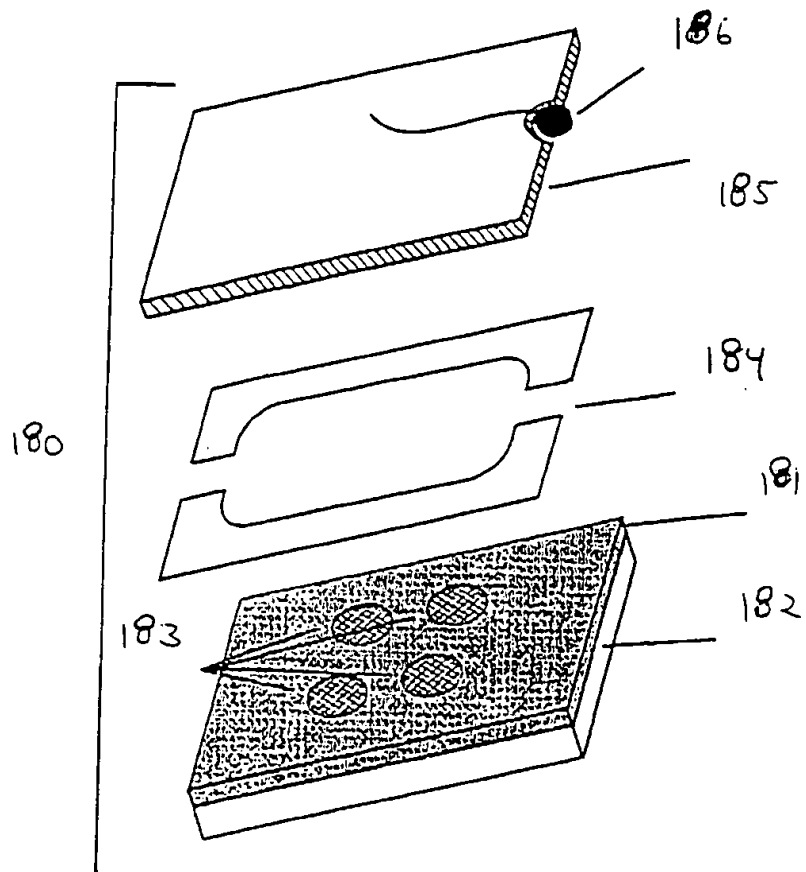
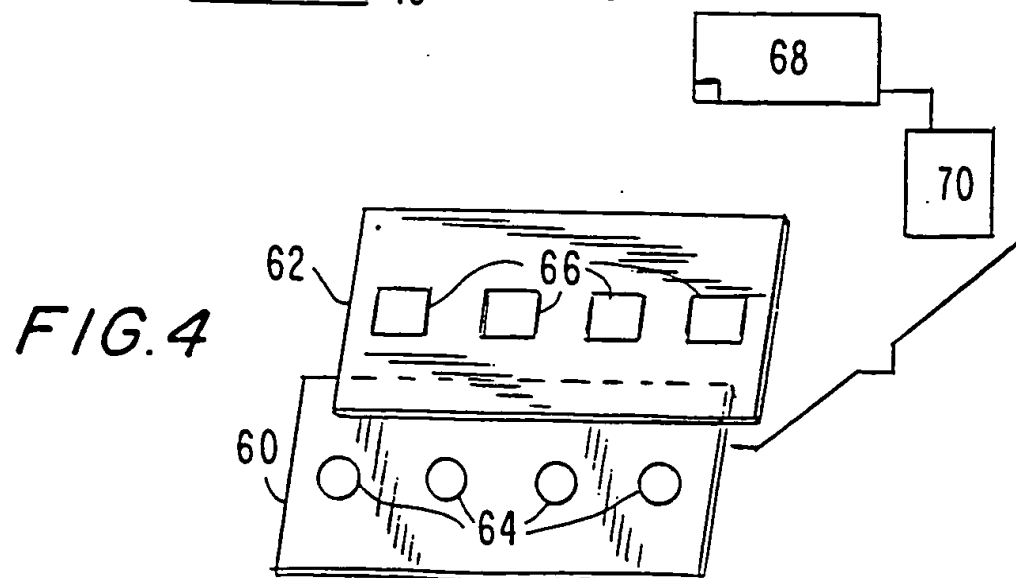
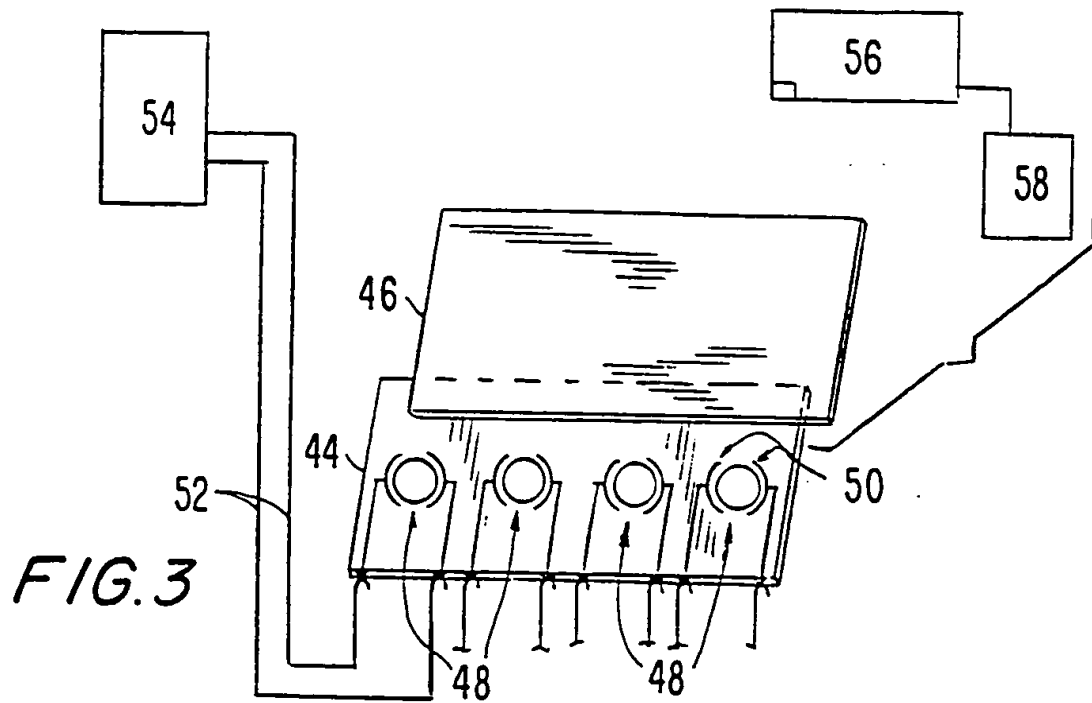
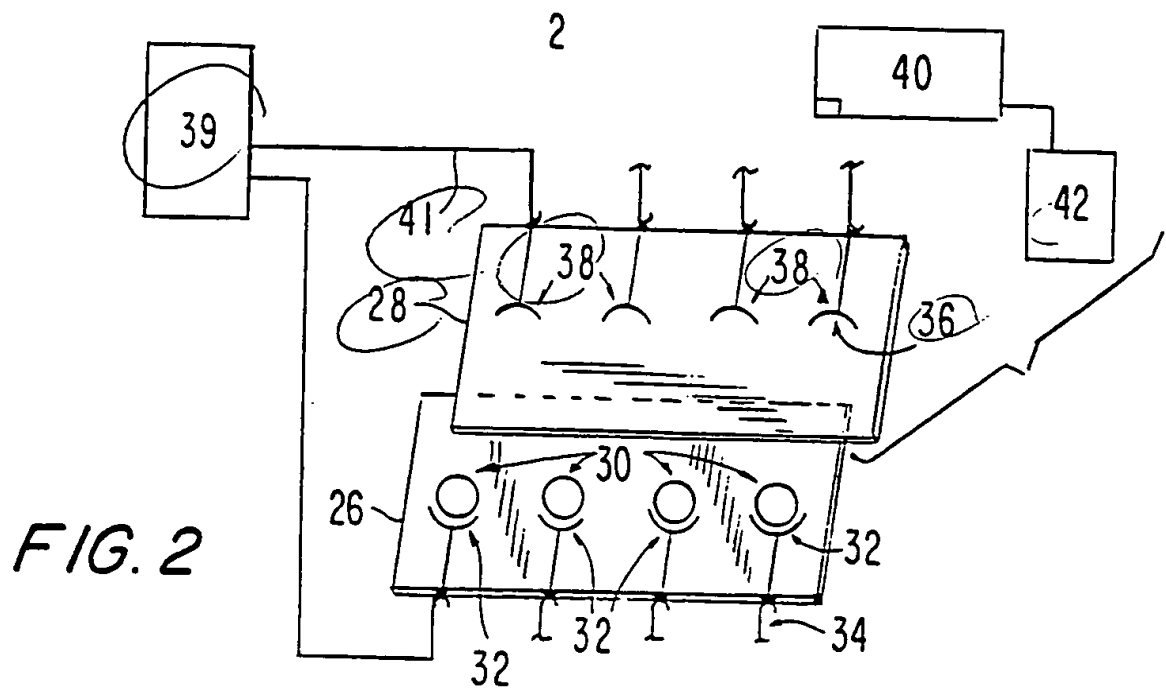


Figure 1





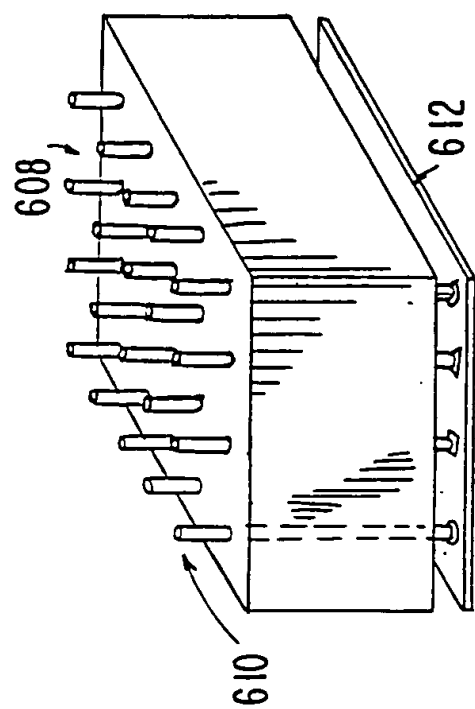
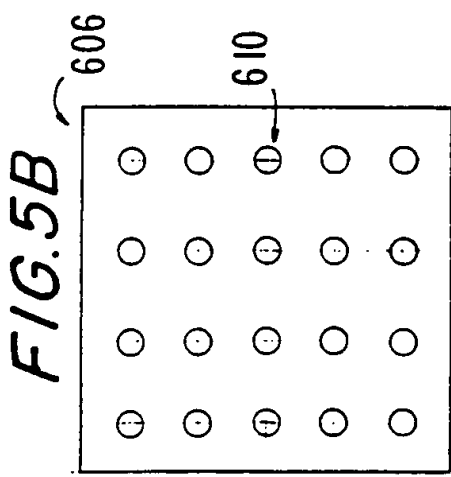
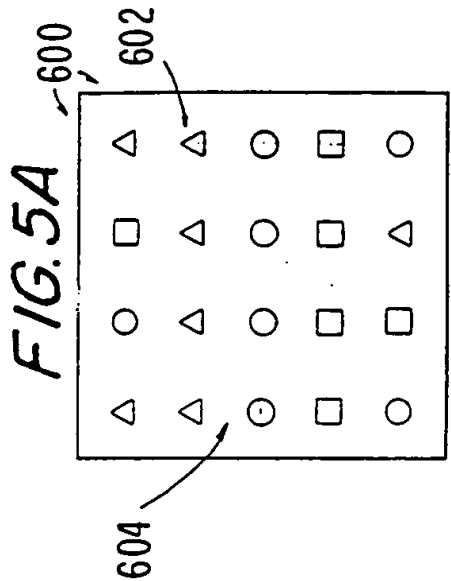


FIG. 5C

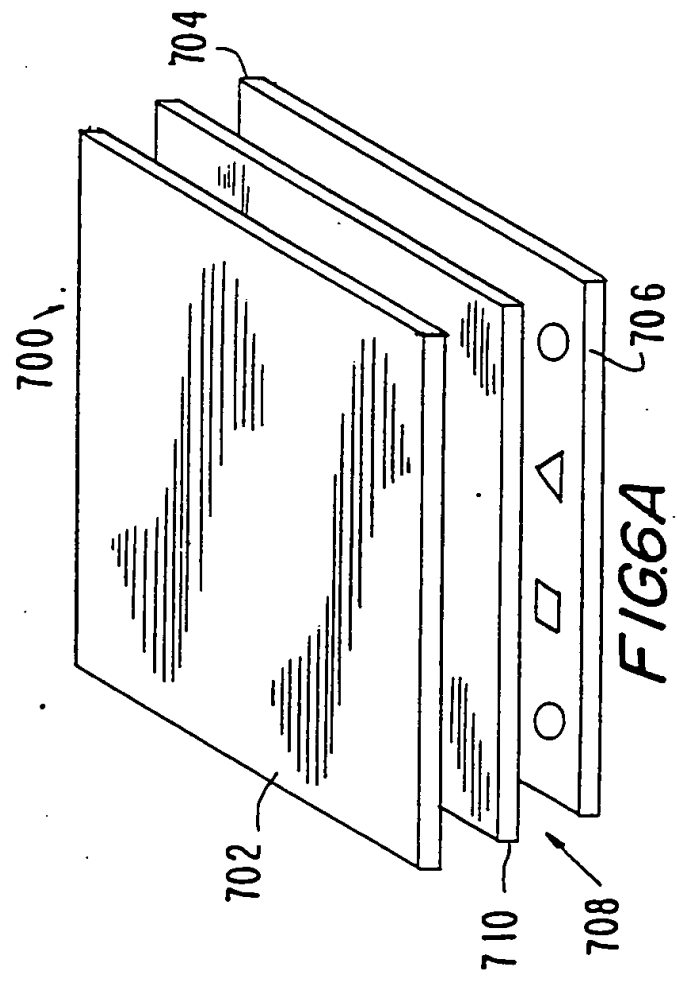


FIG. 6A

3

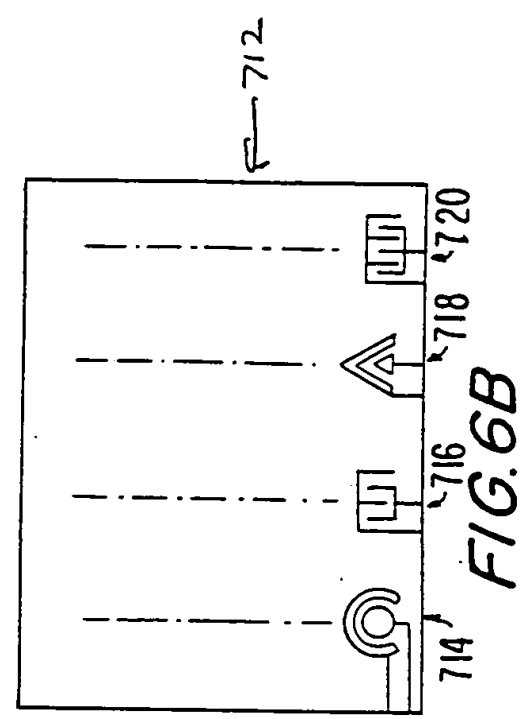
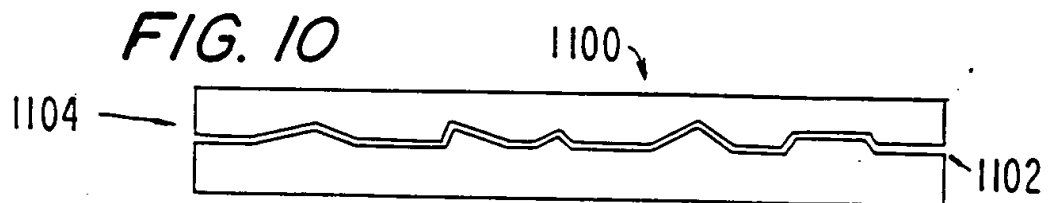
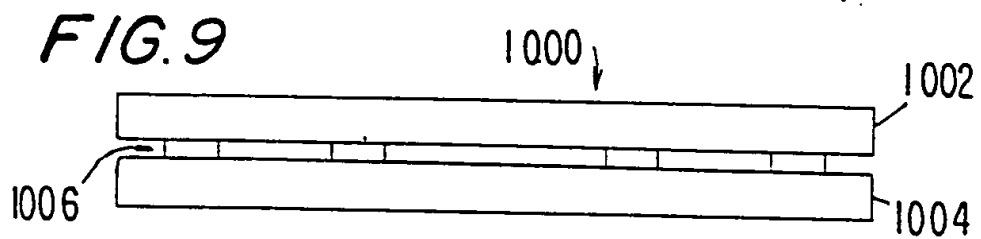
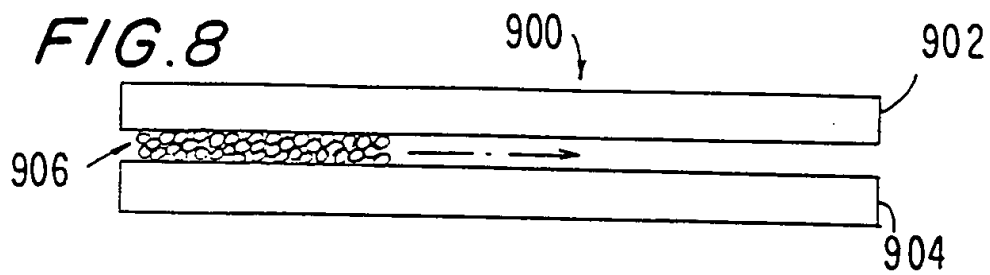
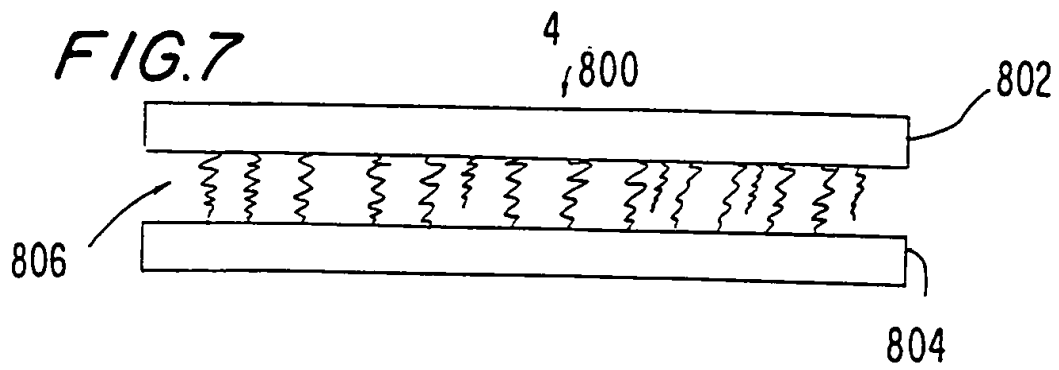
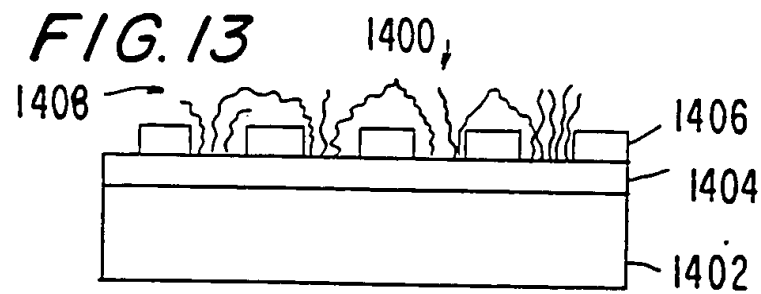
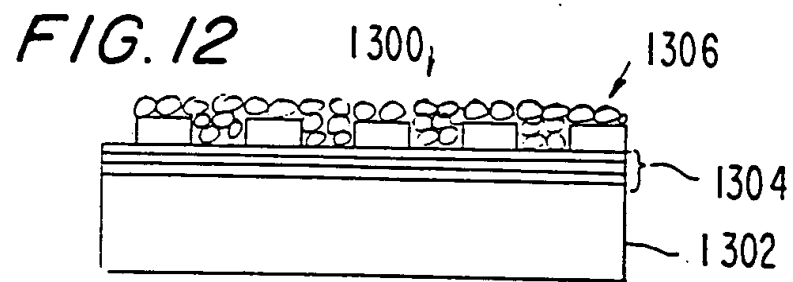
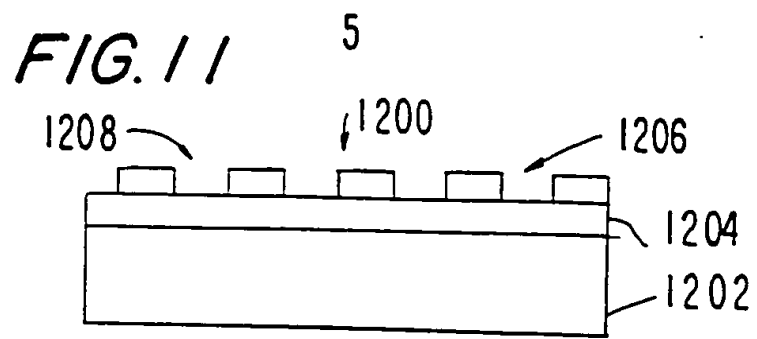
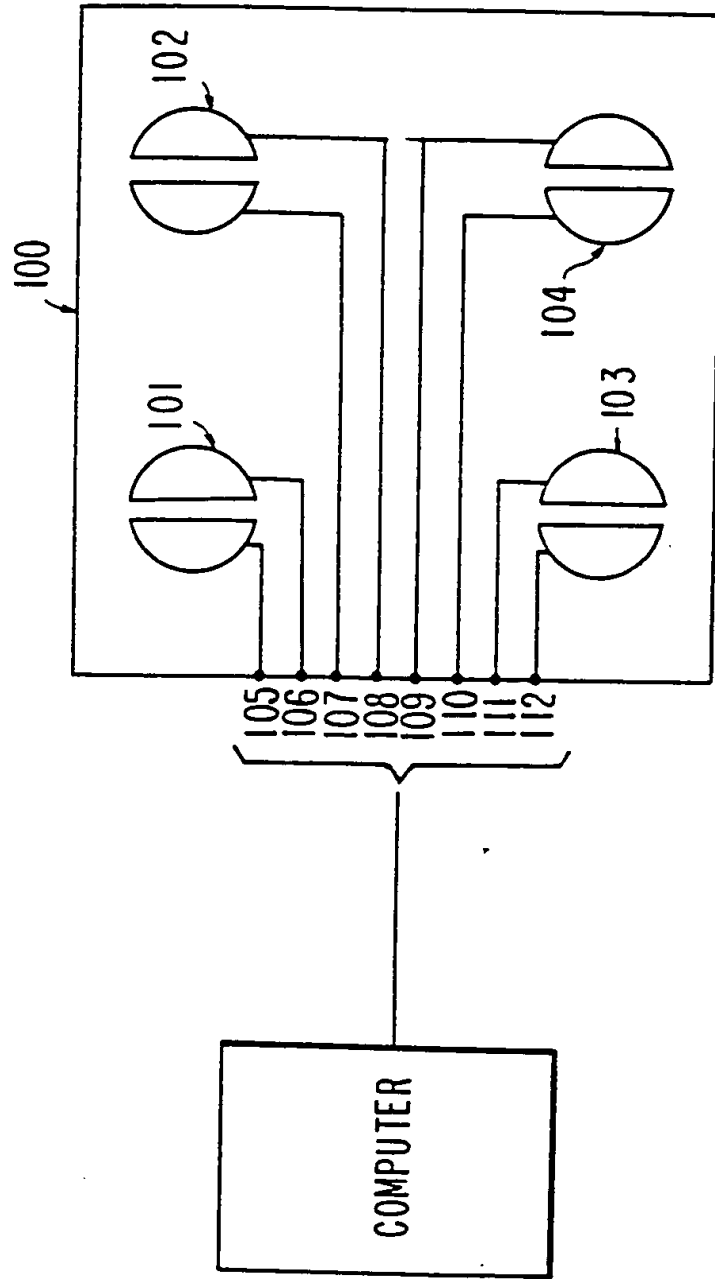
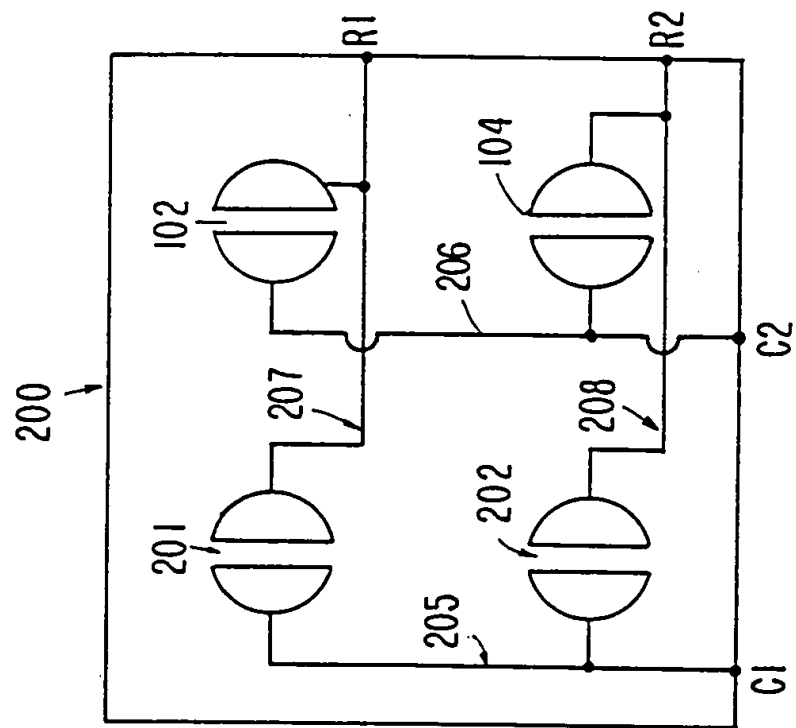


FIG. 6B





*FIG. 14*

*FIG. 15*

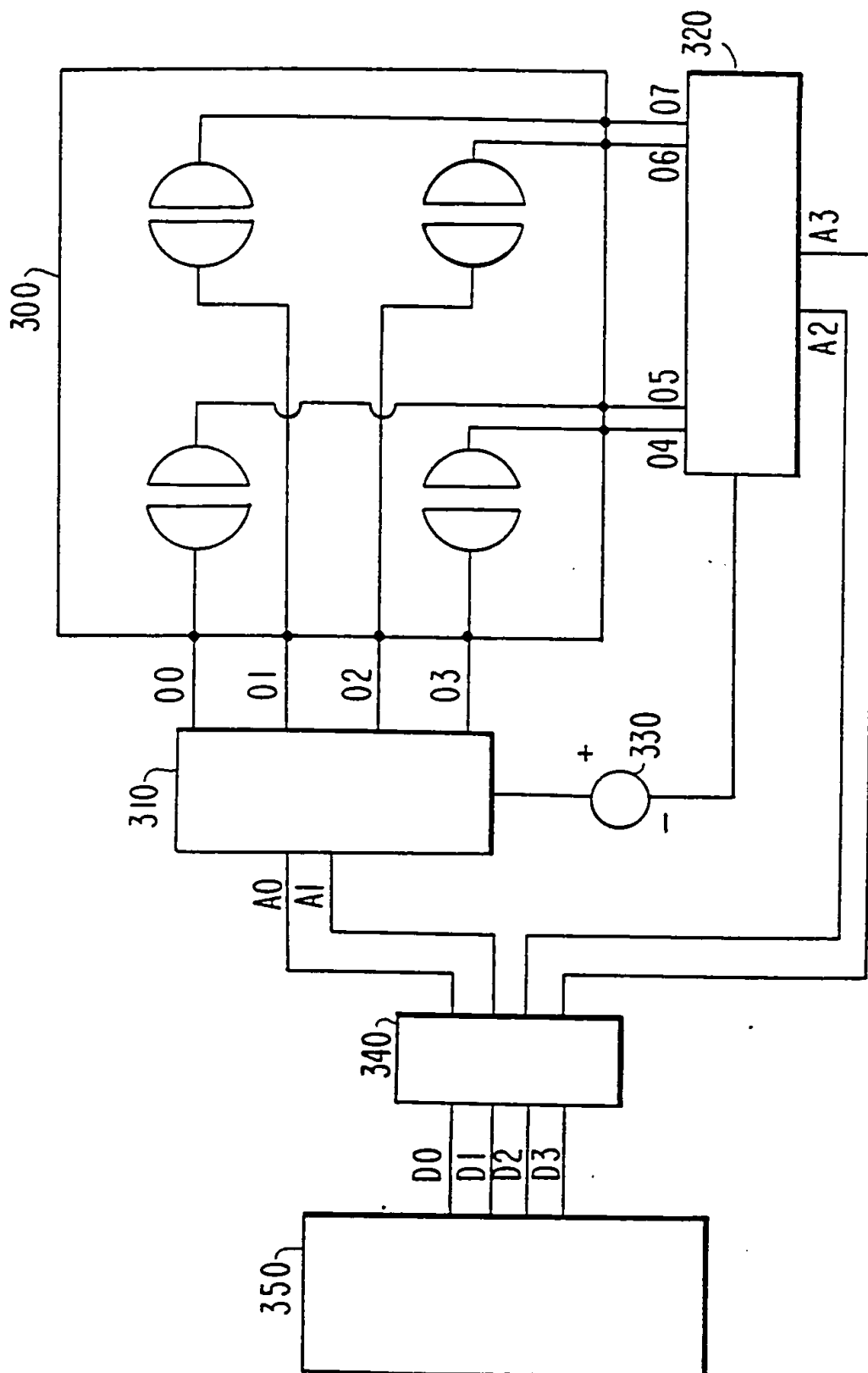


FIG. 16



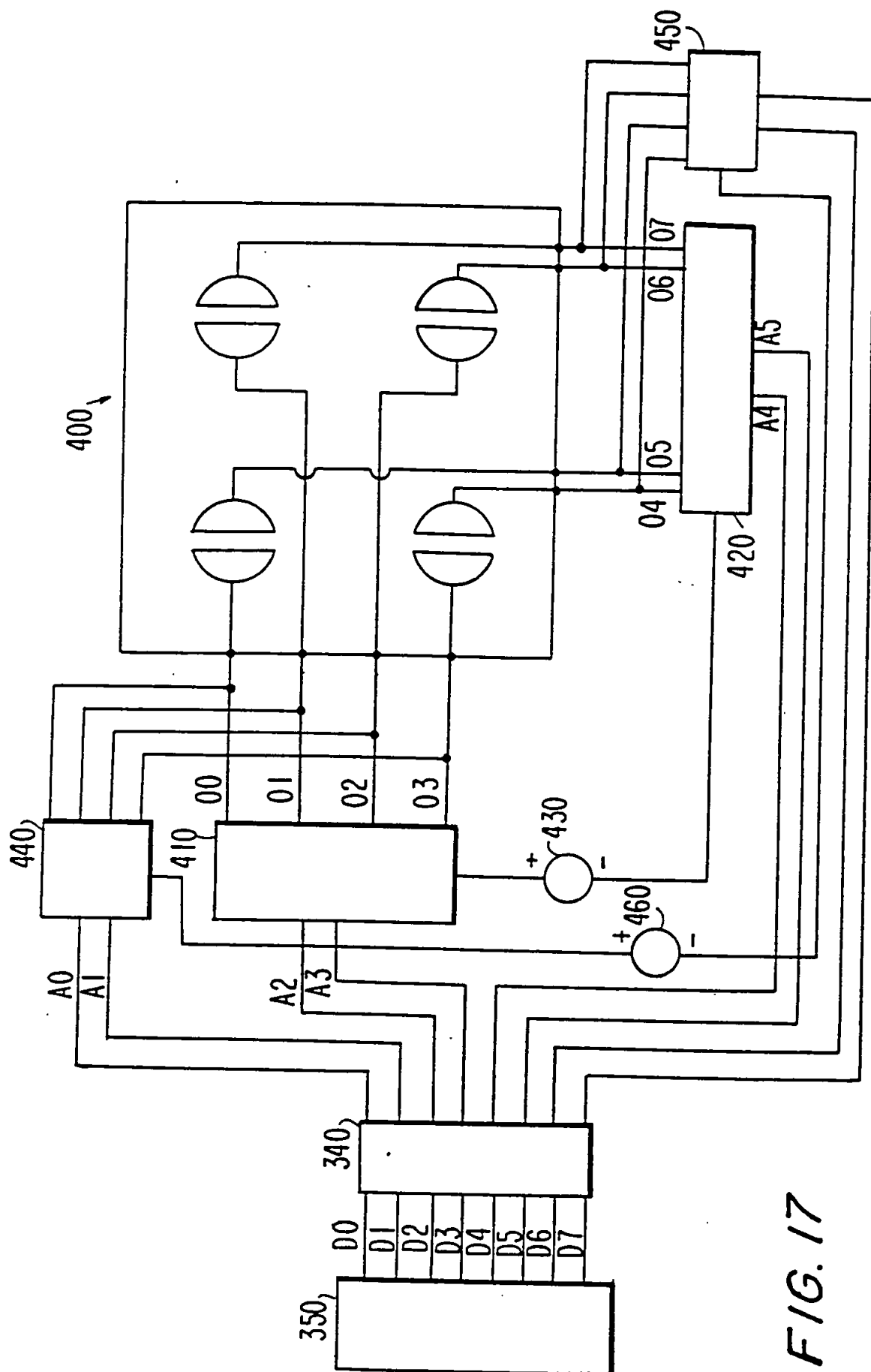


FIG. 17

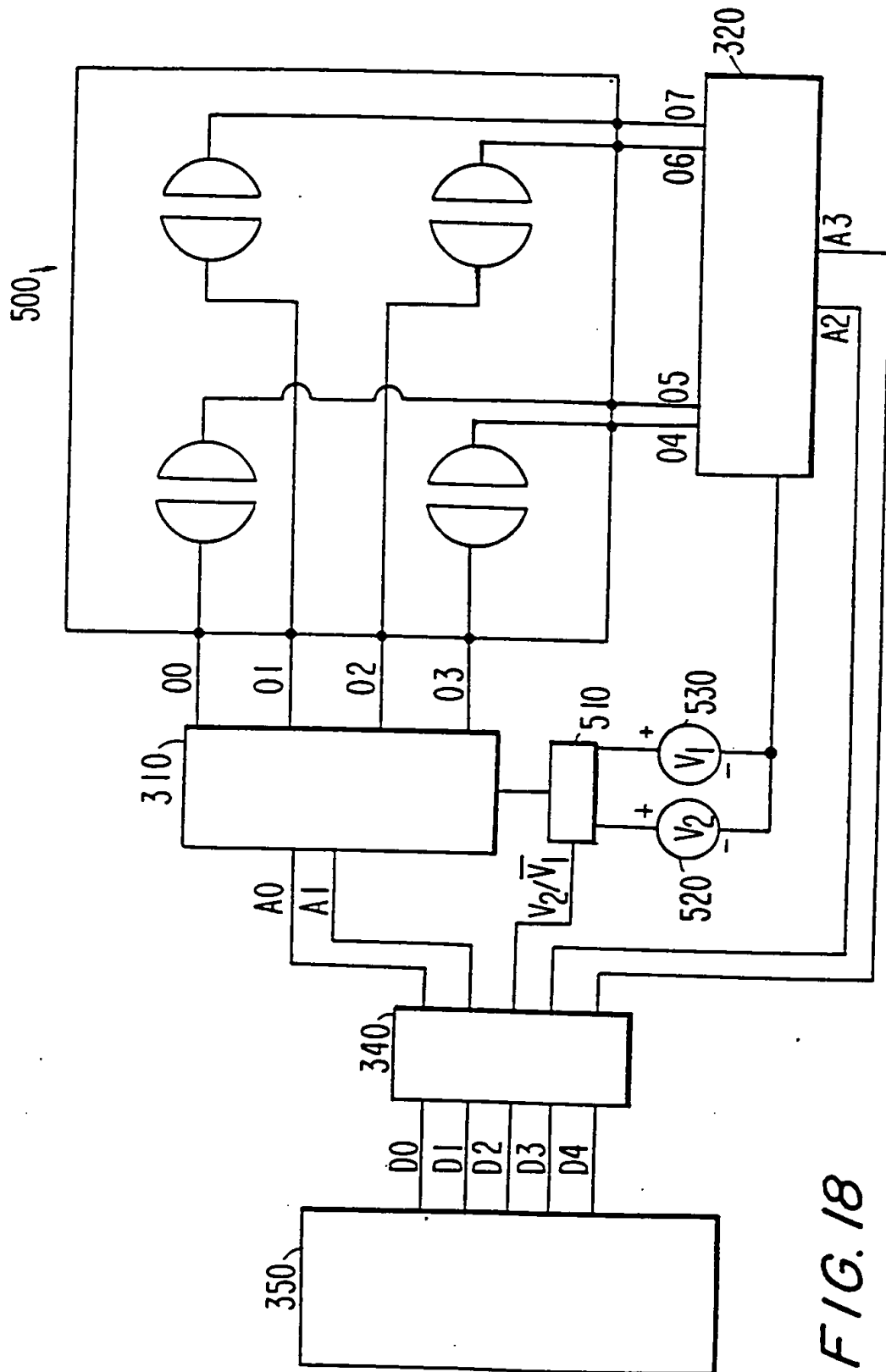
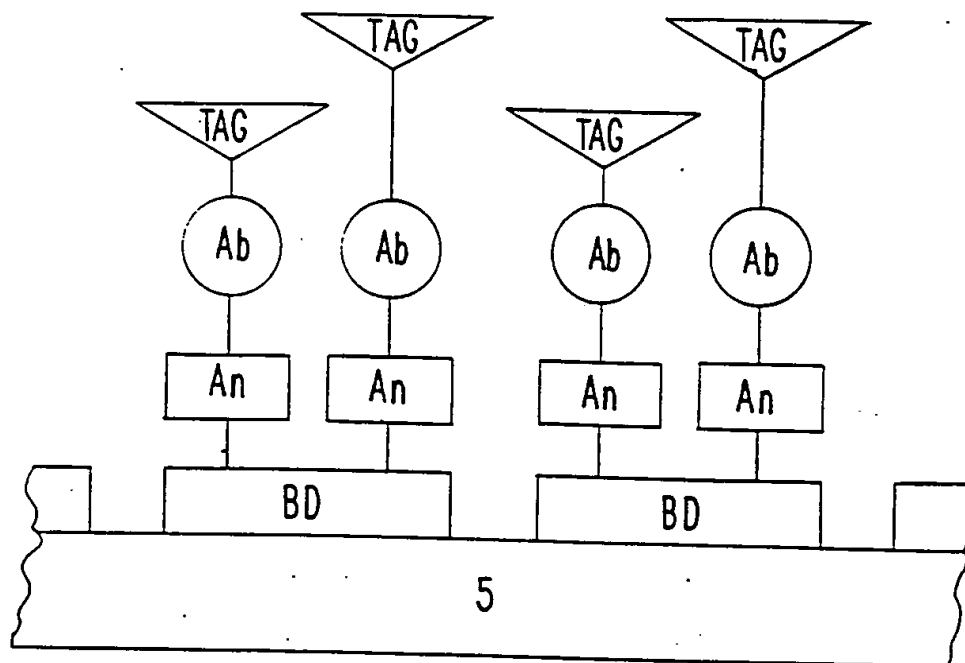
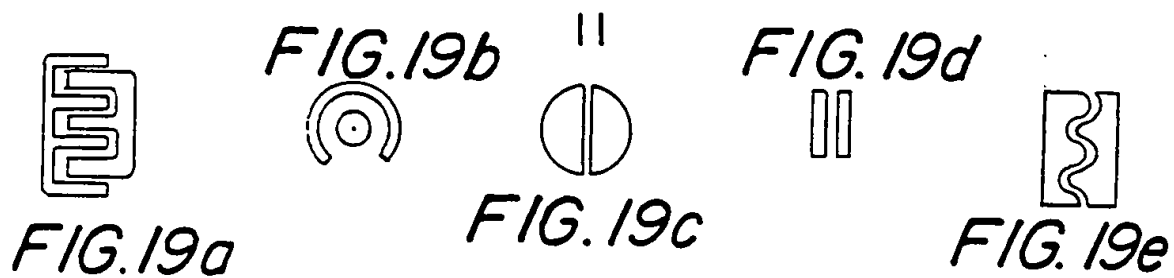
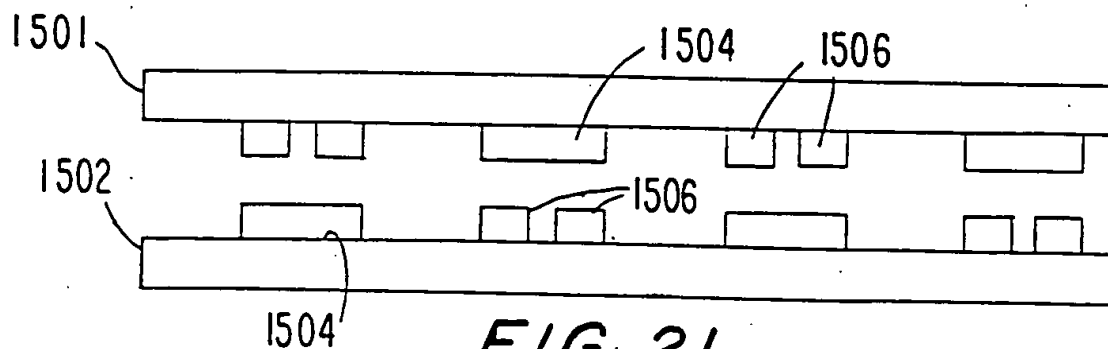


FIG. 18



*FIG. 20*



*FIG. 21*

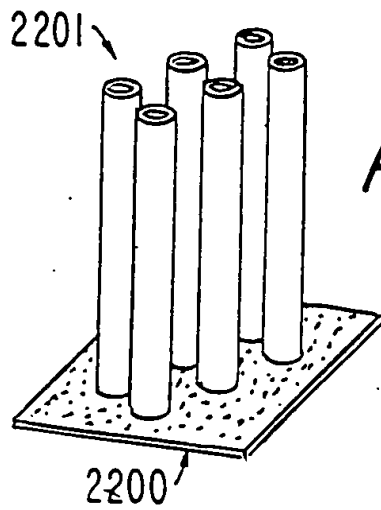


FIG. 22A

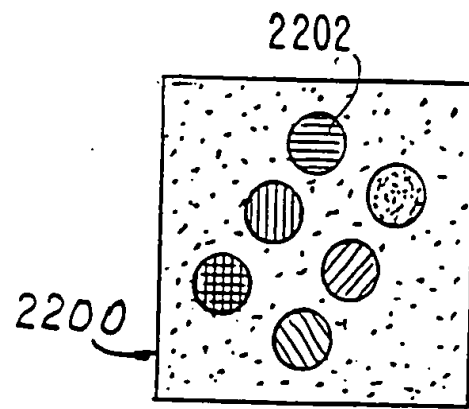


FIG. 22B

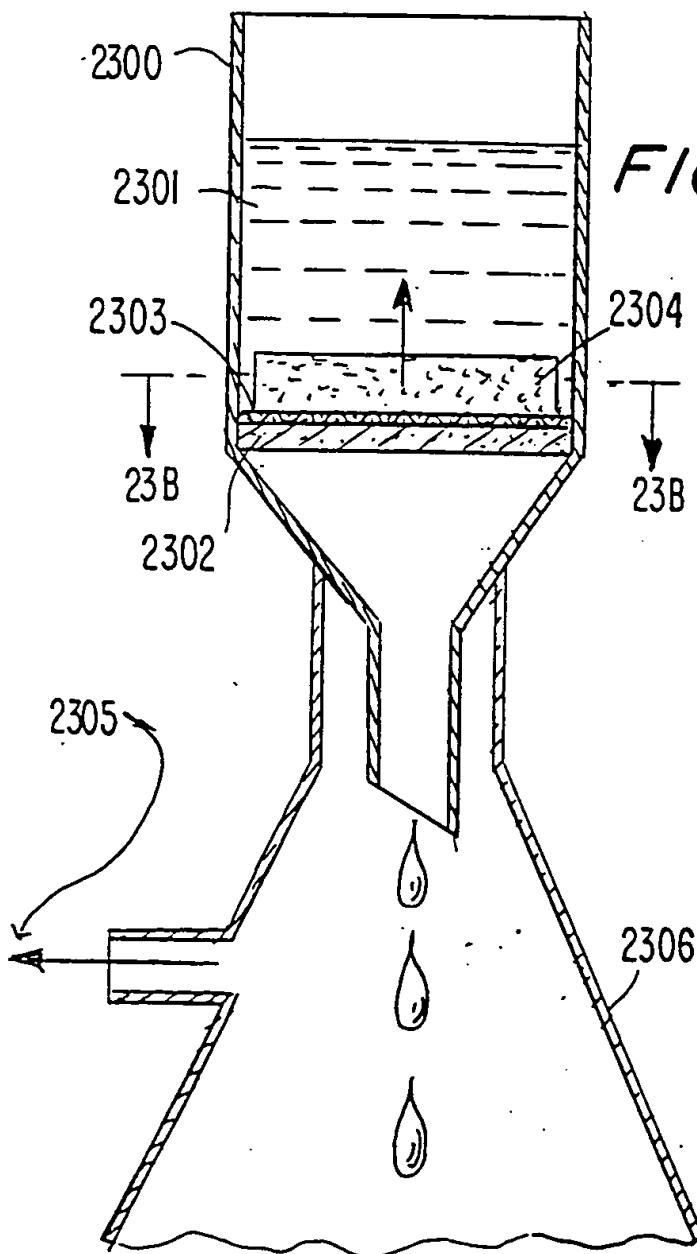


FIG. 23A

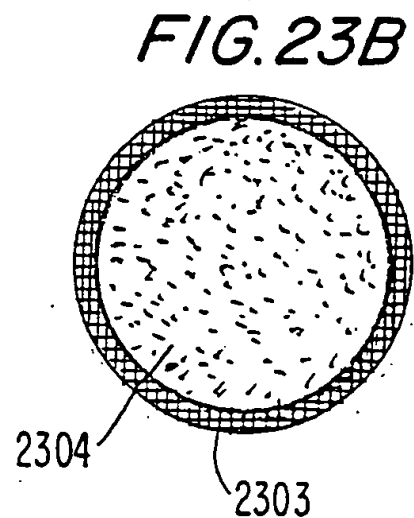


FIG. 23B

13

FIG. 24

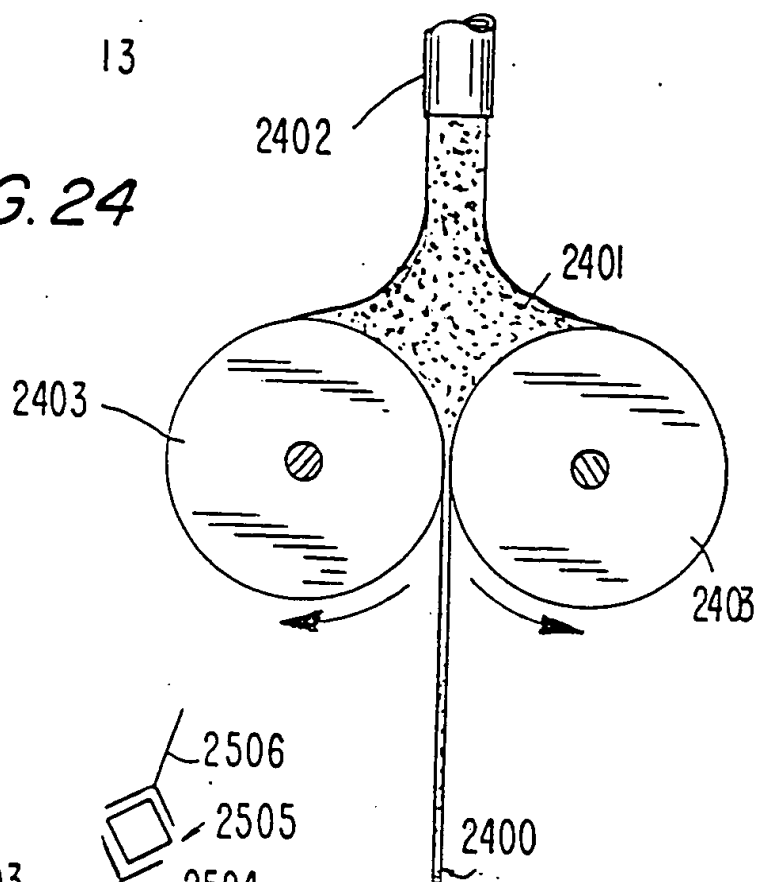


FIG. 25

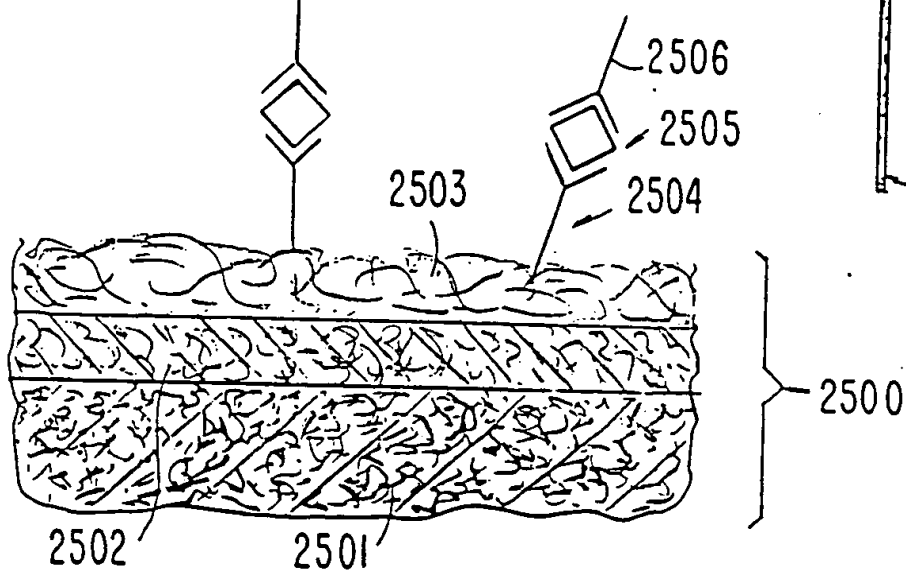
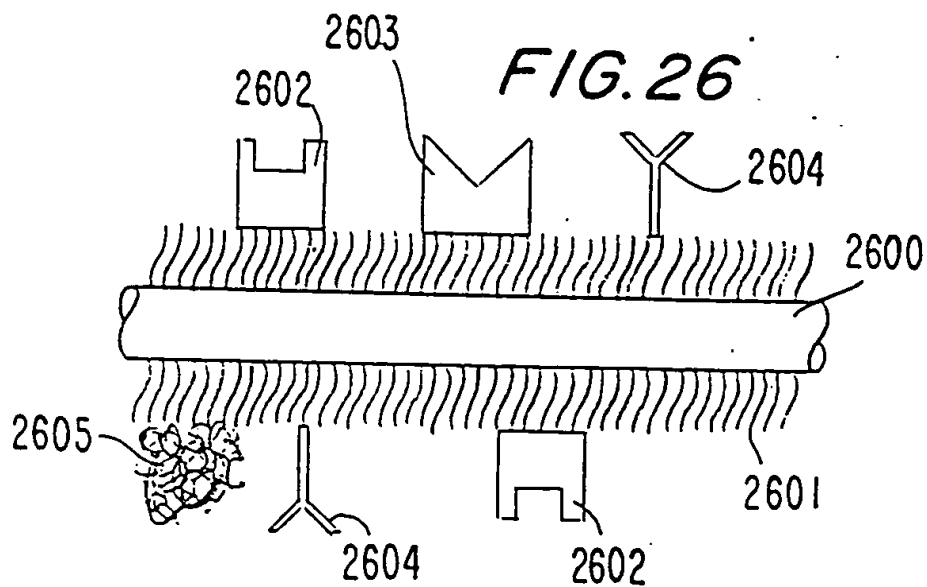
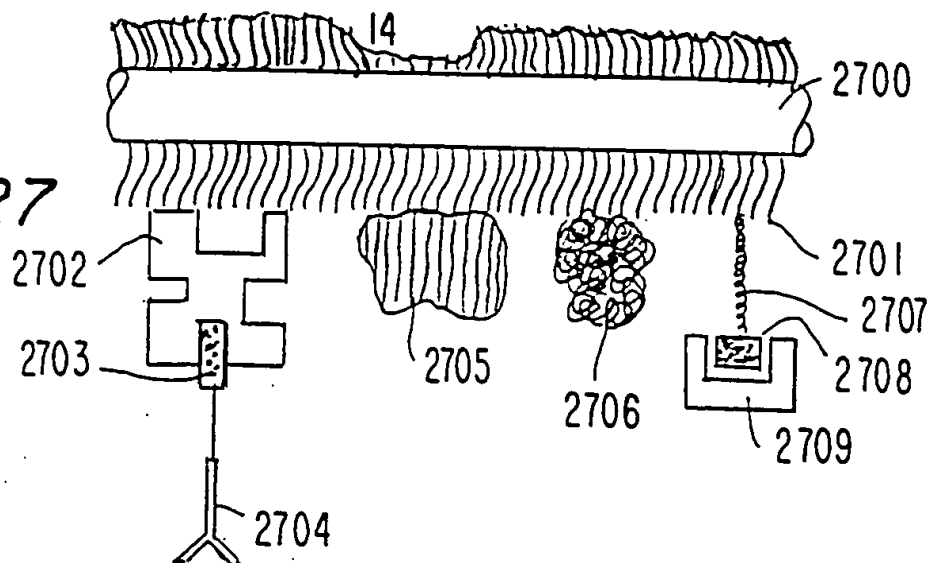


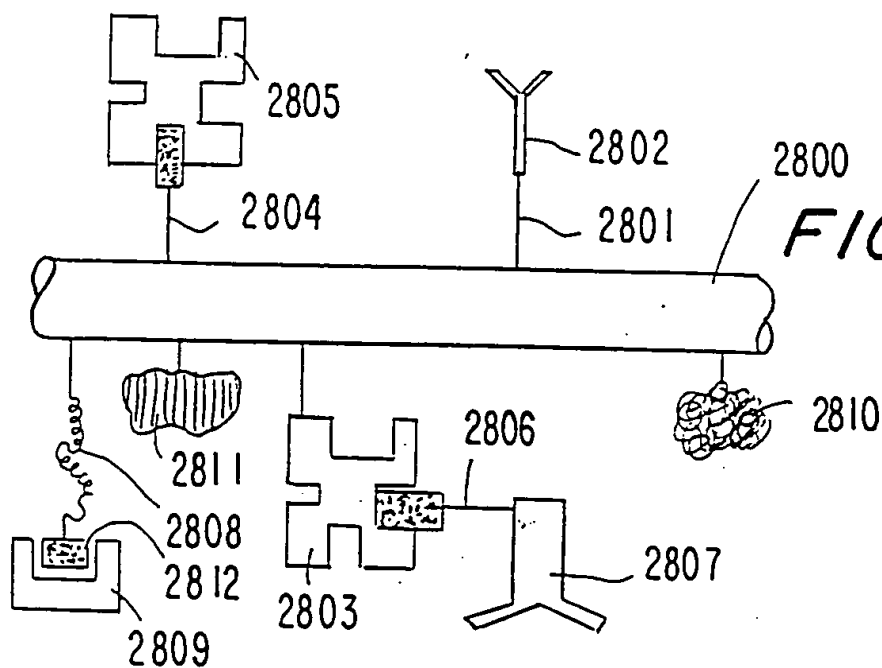
FIG. 26



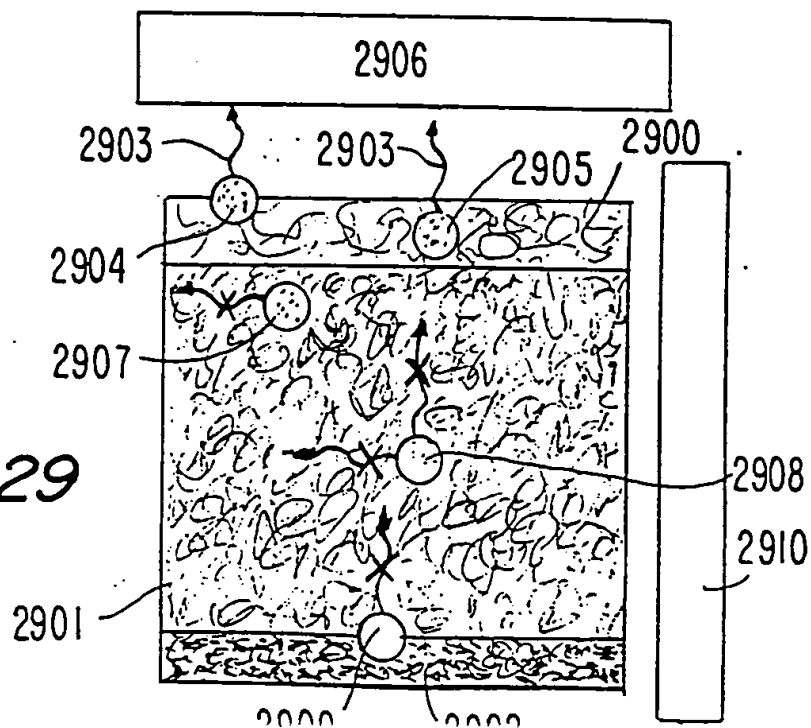
**FIG. 27**



**FIG. 28**



**FIG. 29**



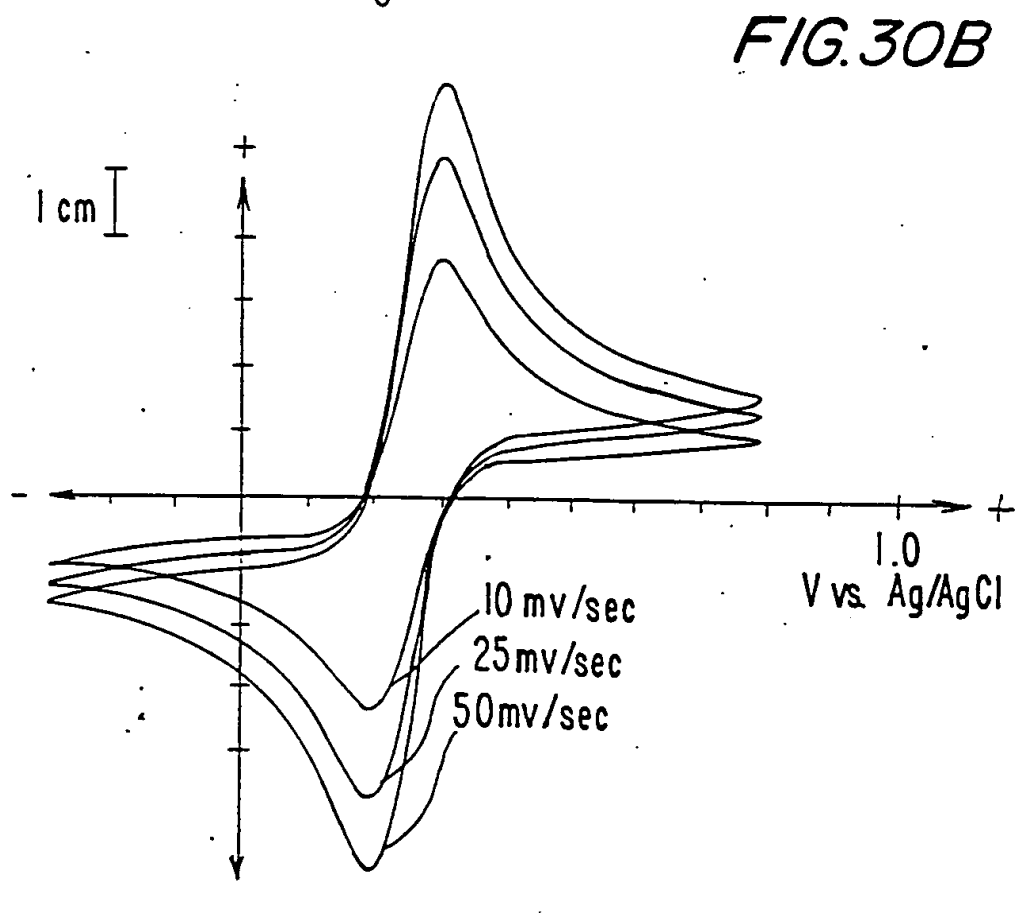
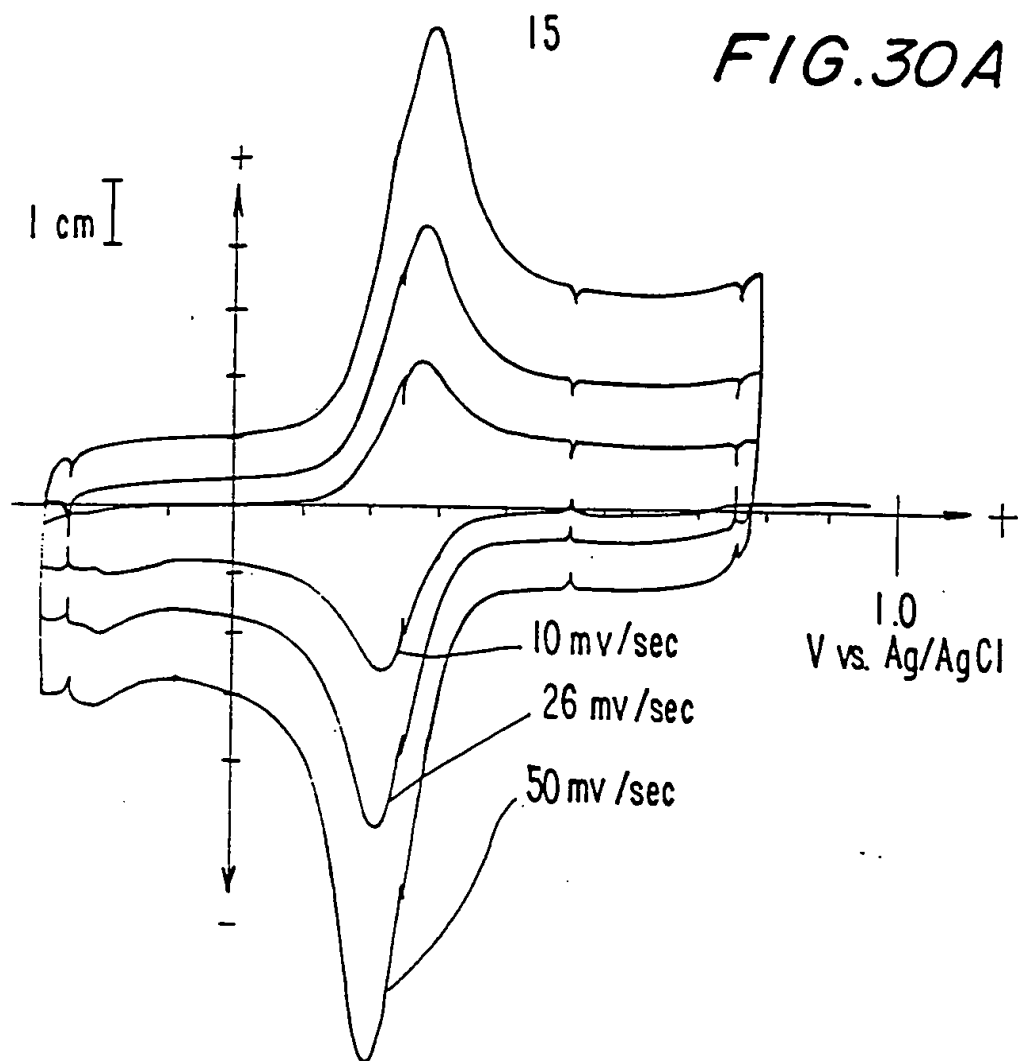


FIG. 31

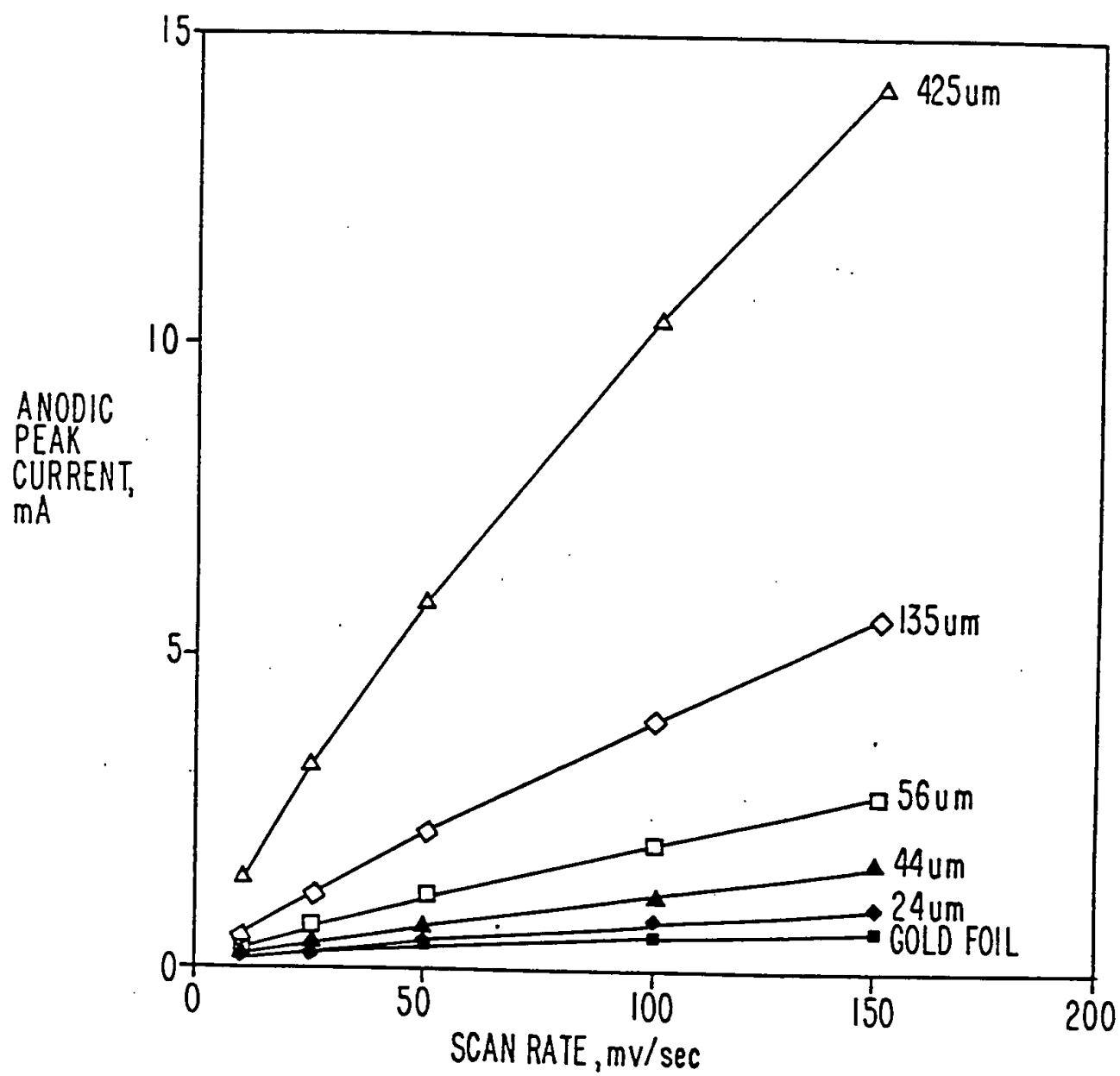




FIG. 32

ECL PEAK INTENSITY

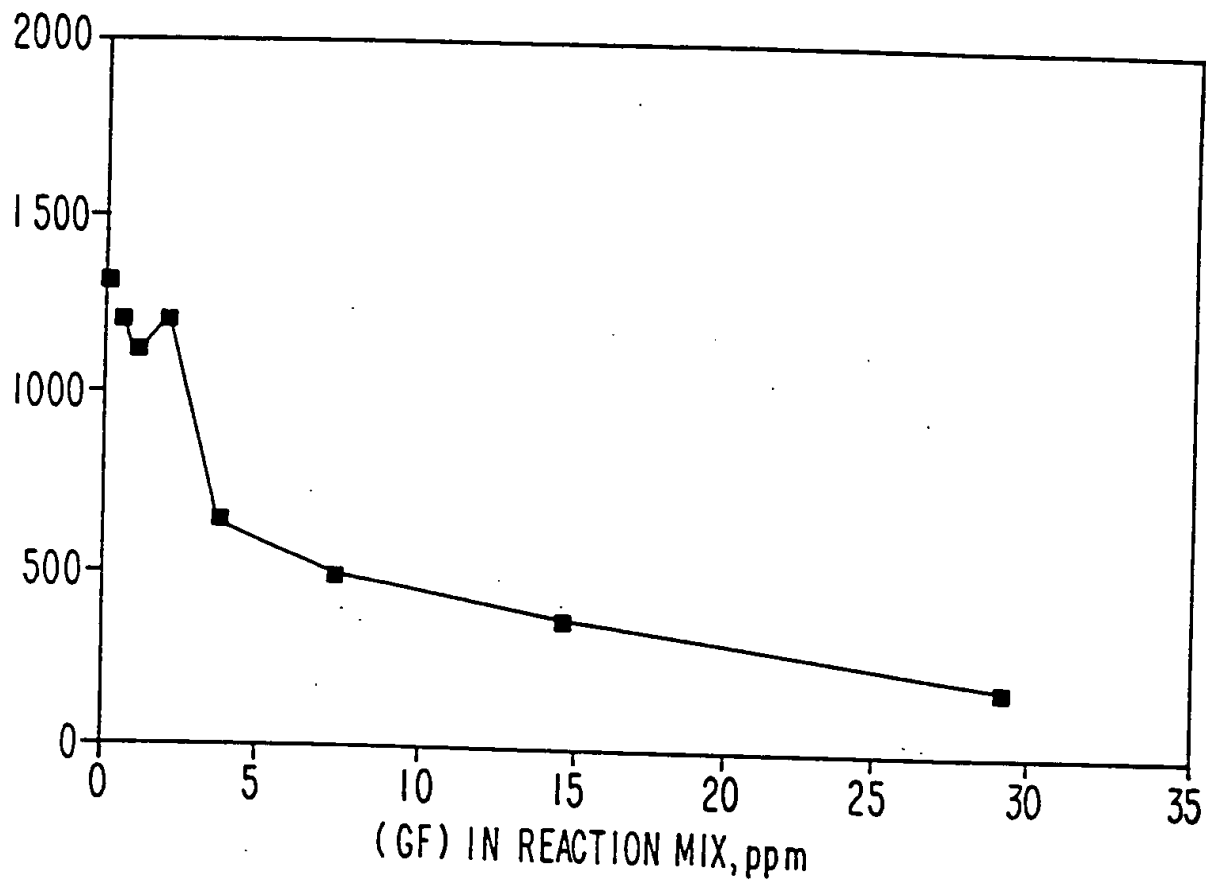
ECL PEAK INTENSITY  
OF SUPERNATANT

FIG. 33

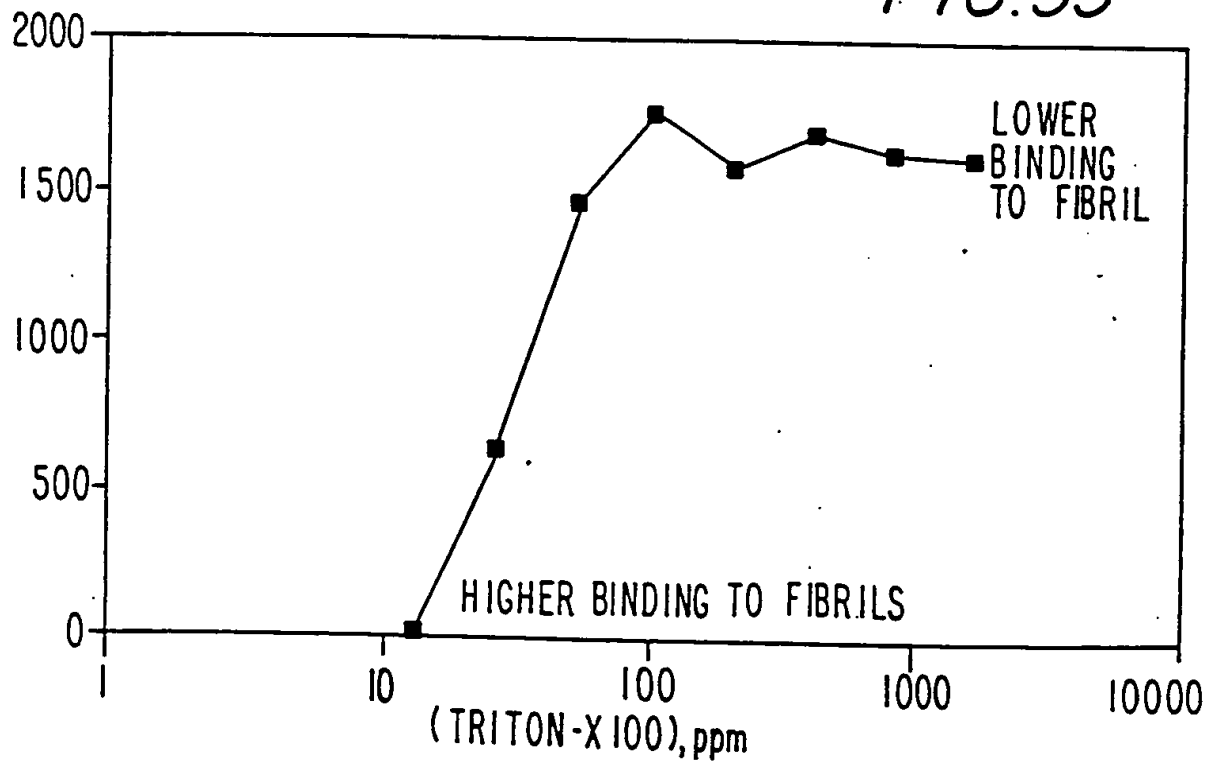


FIG. 34

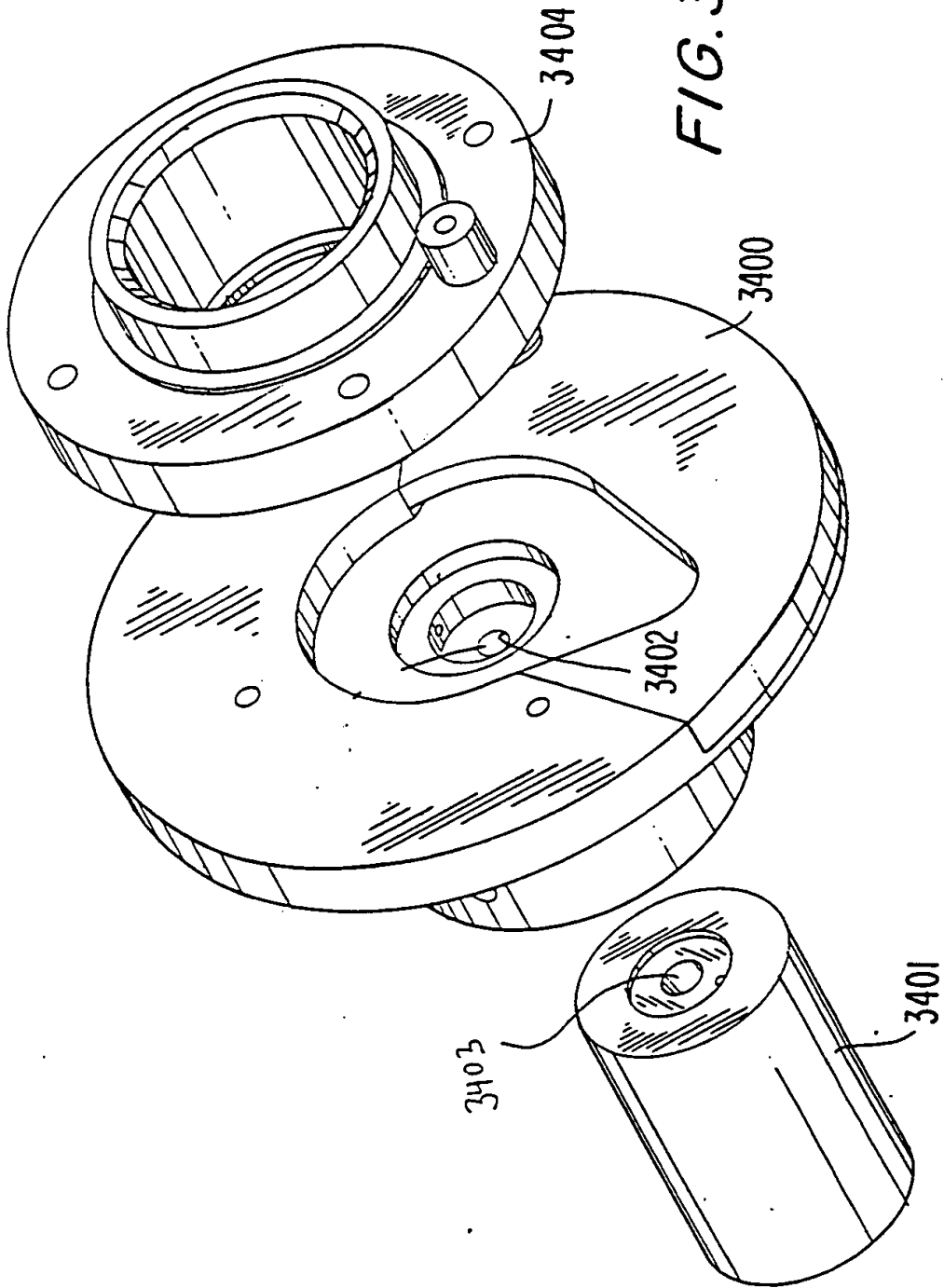


FIG. 35

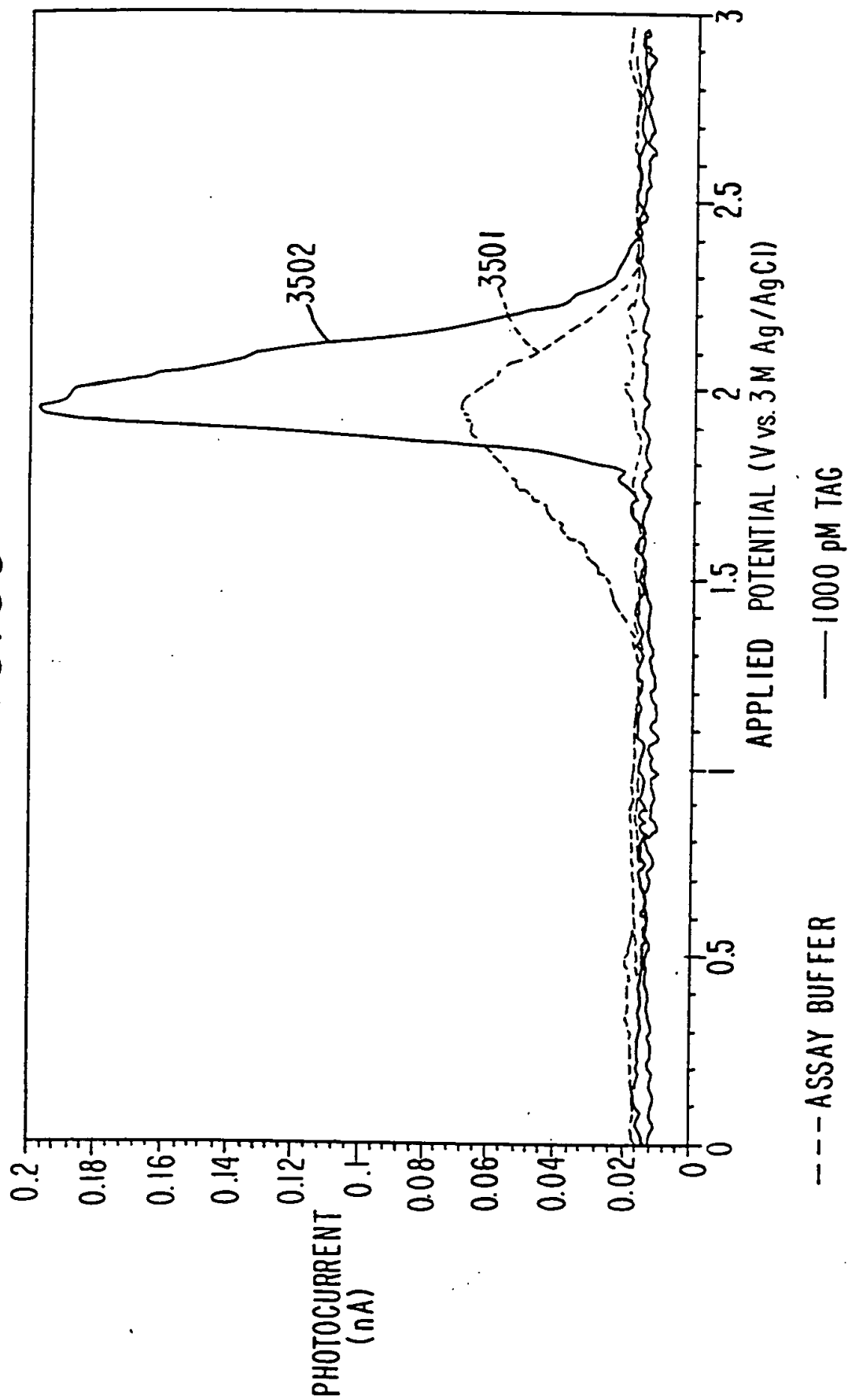


FIG. 36

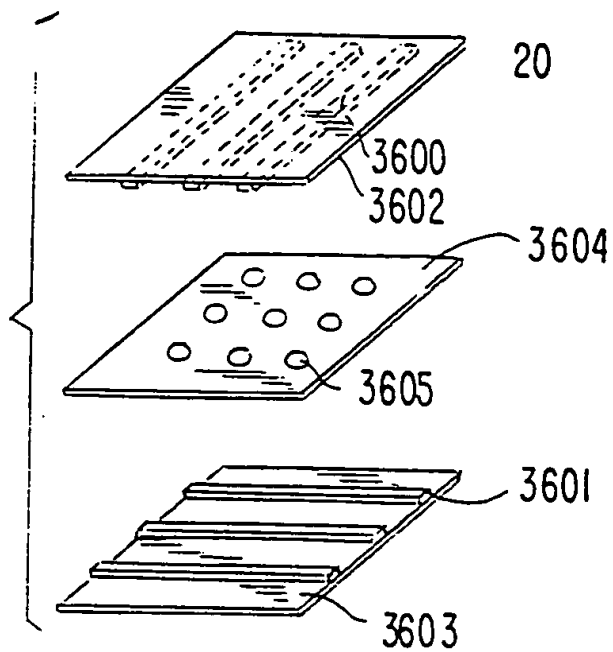


FIG. 37

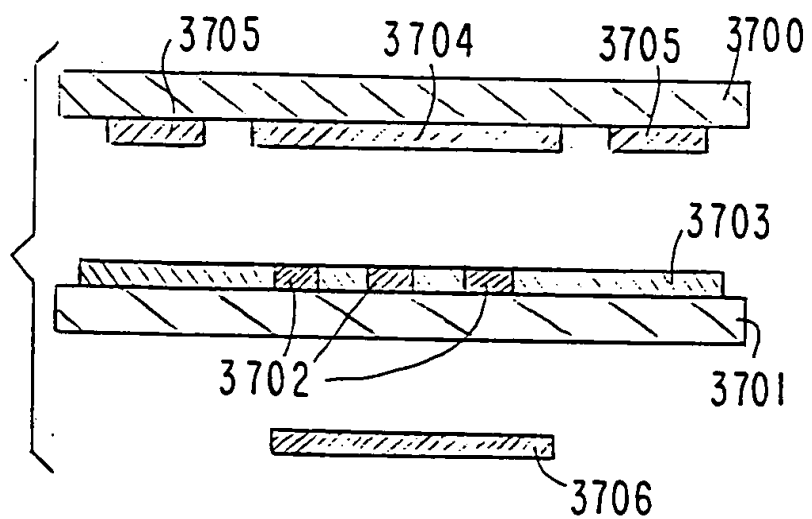


FIG. 38

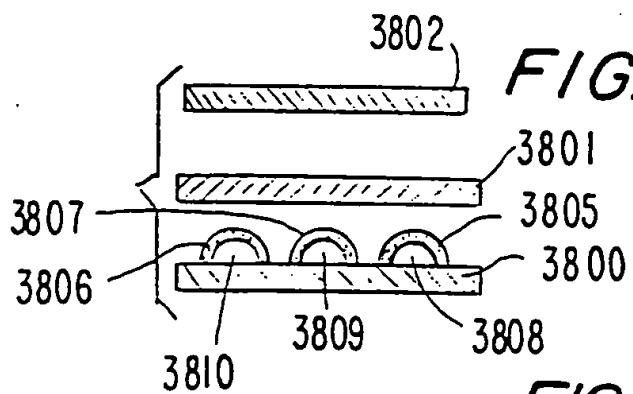


FIG. 39

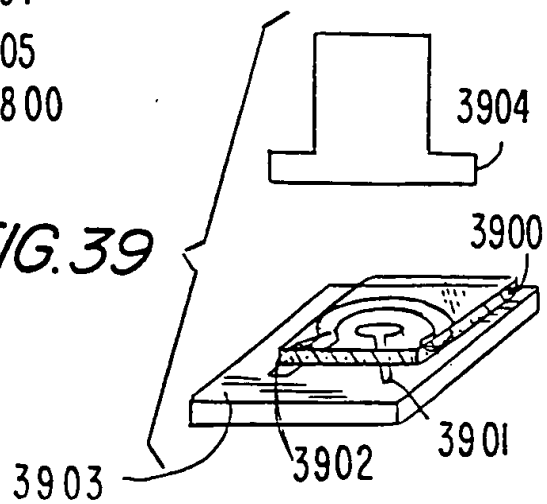


FIG. 40<sup>21</sup>

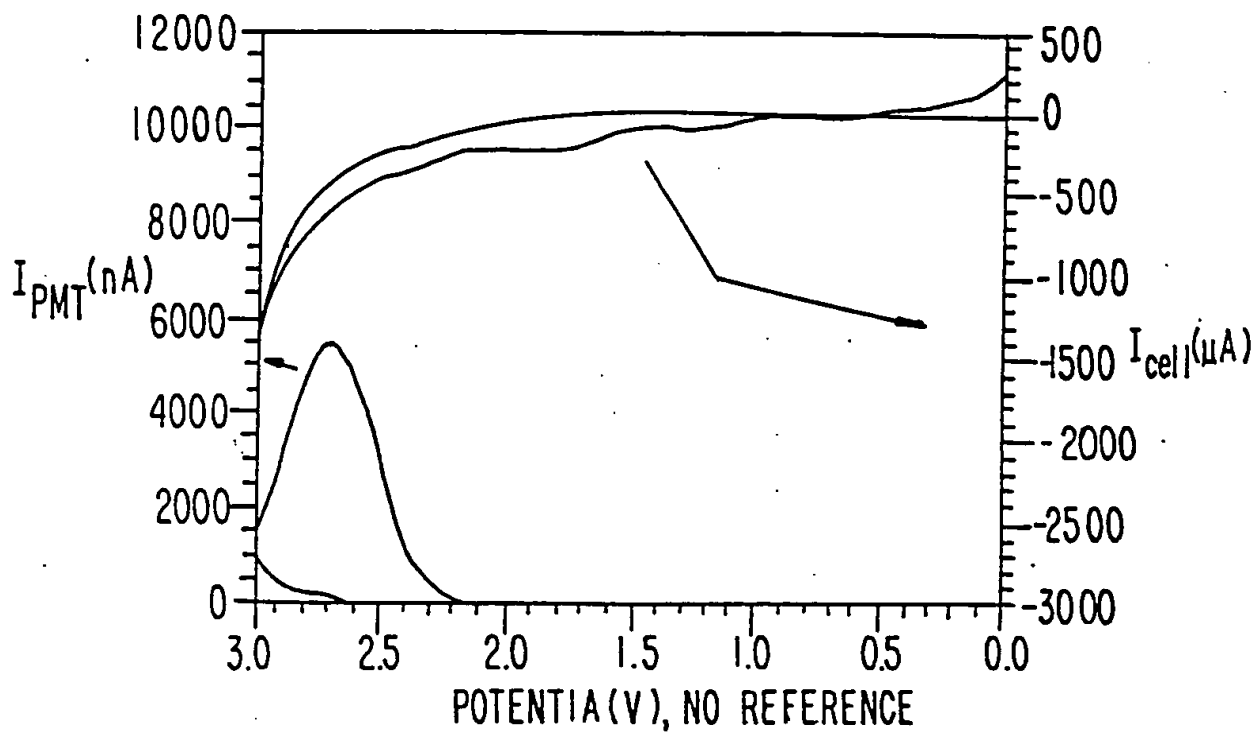
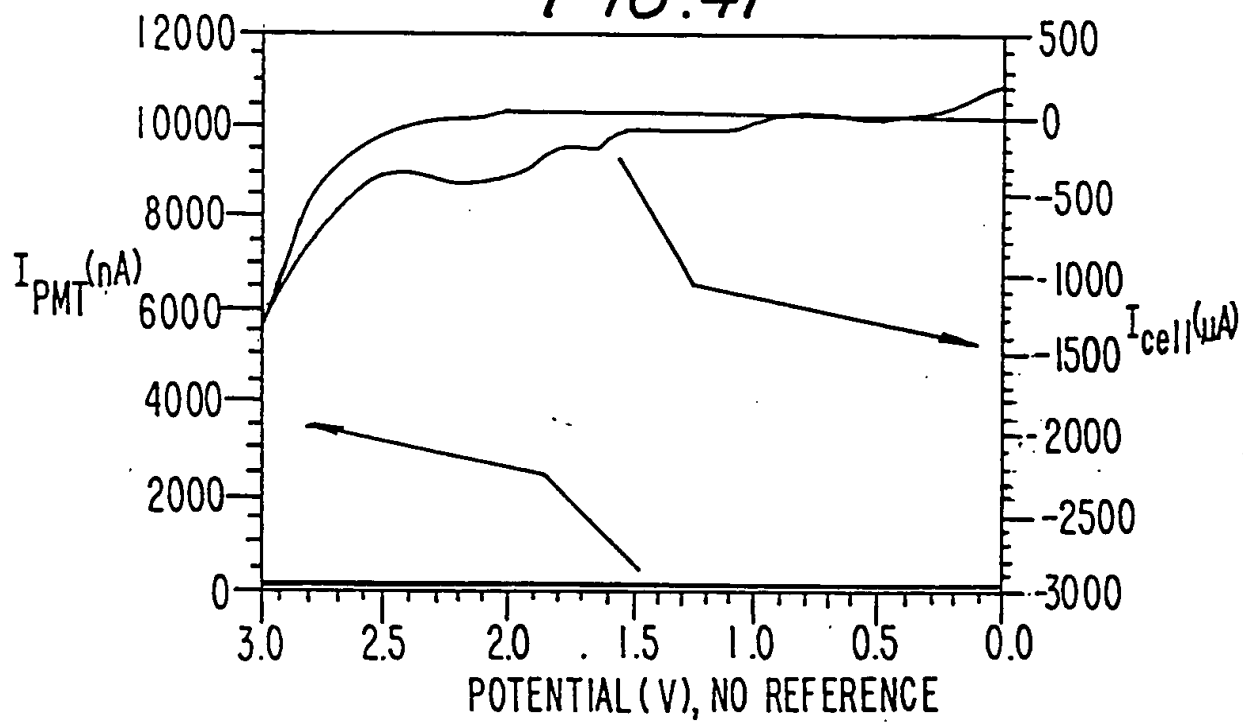
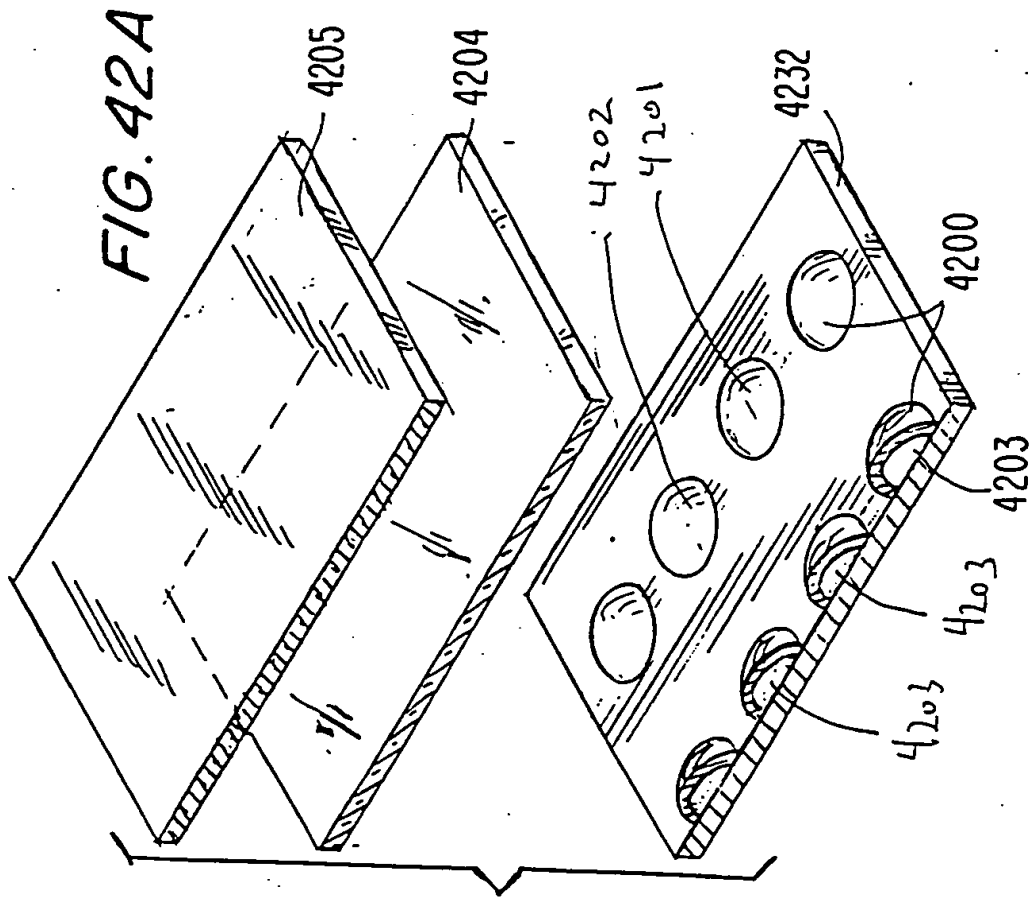


FIG. 41





**FIG. 42A**

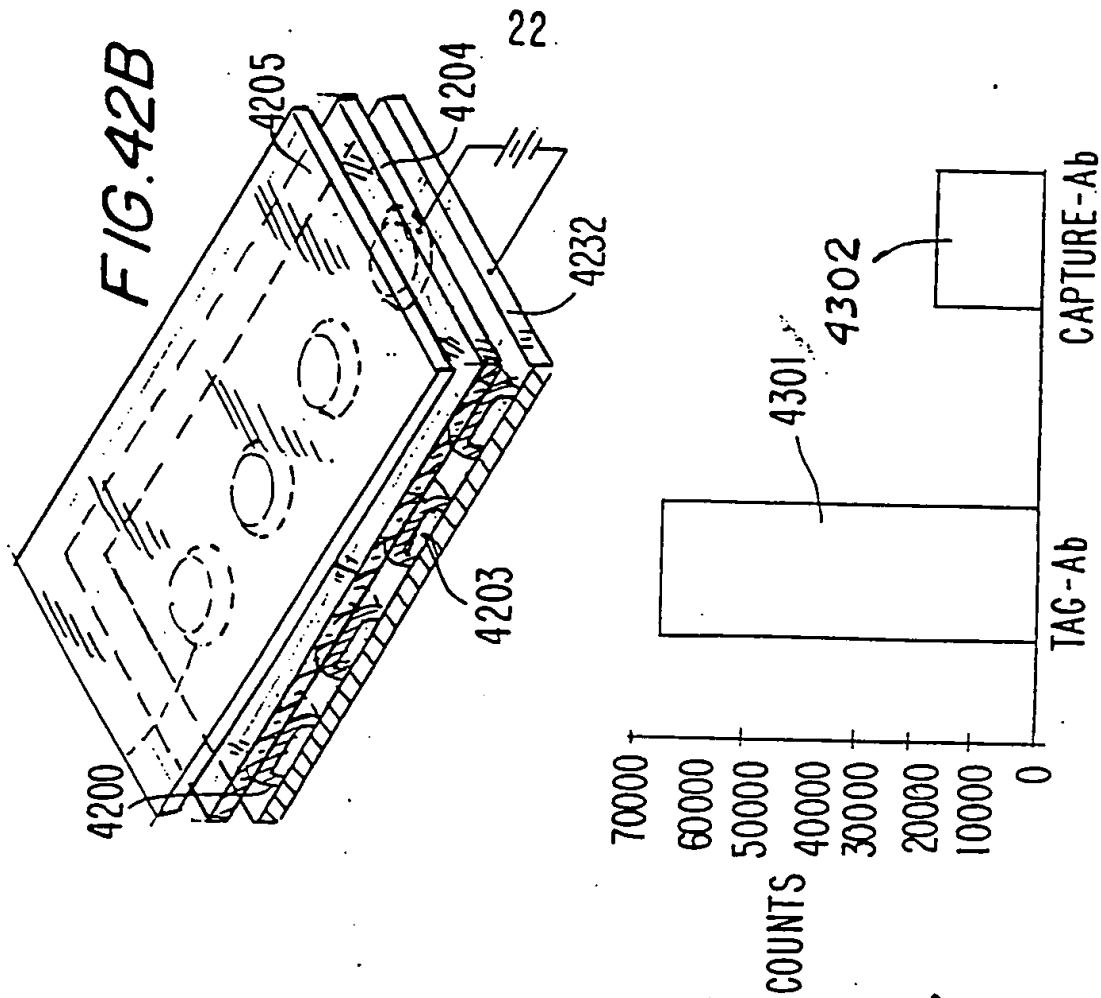


FIG. 44A

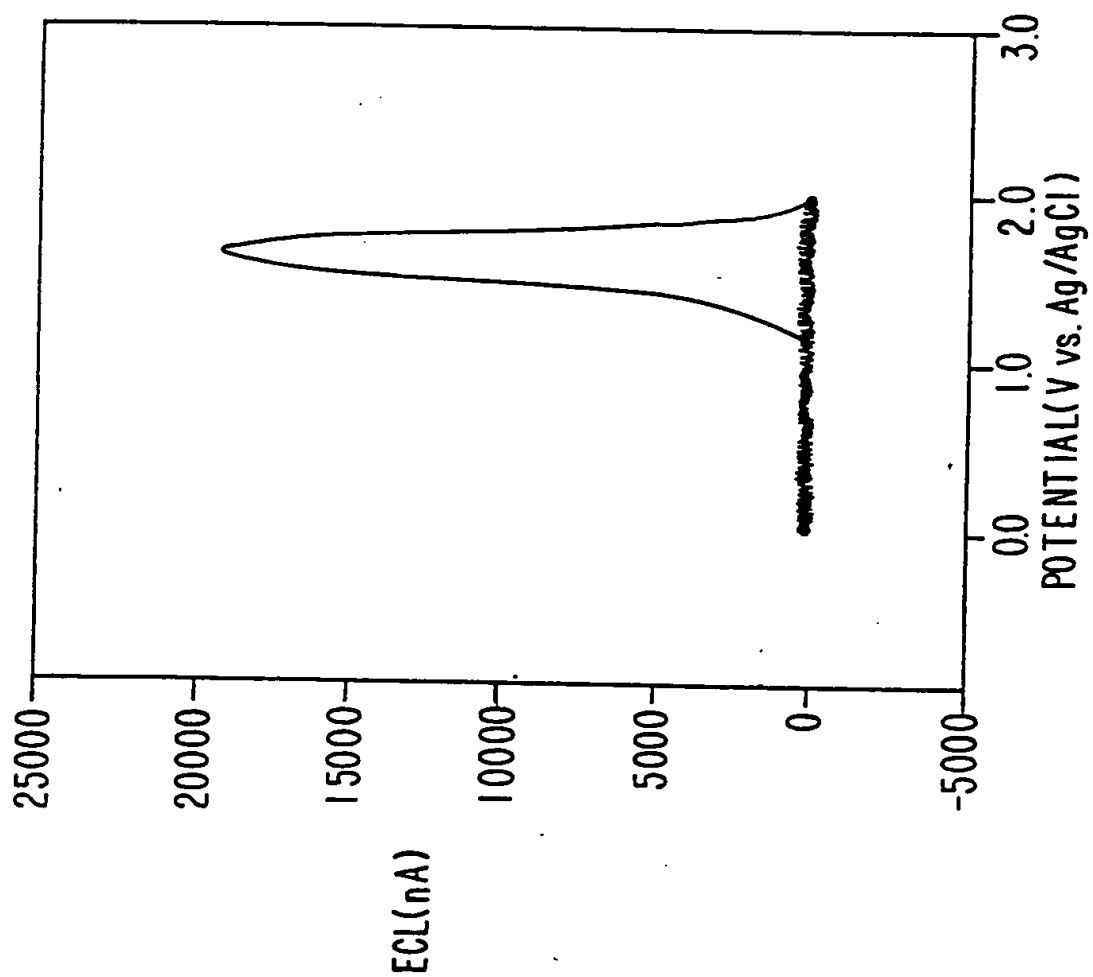


FIG. 44B

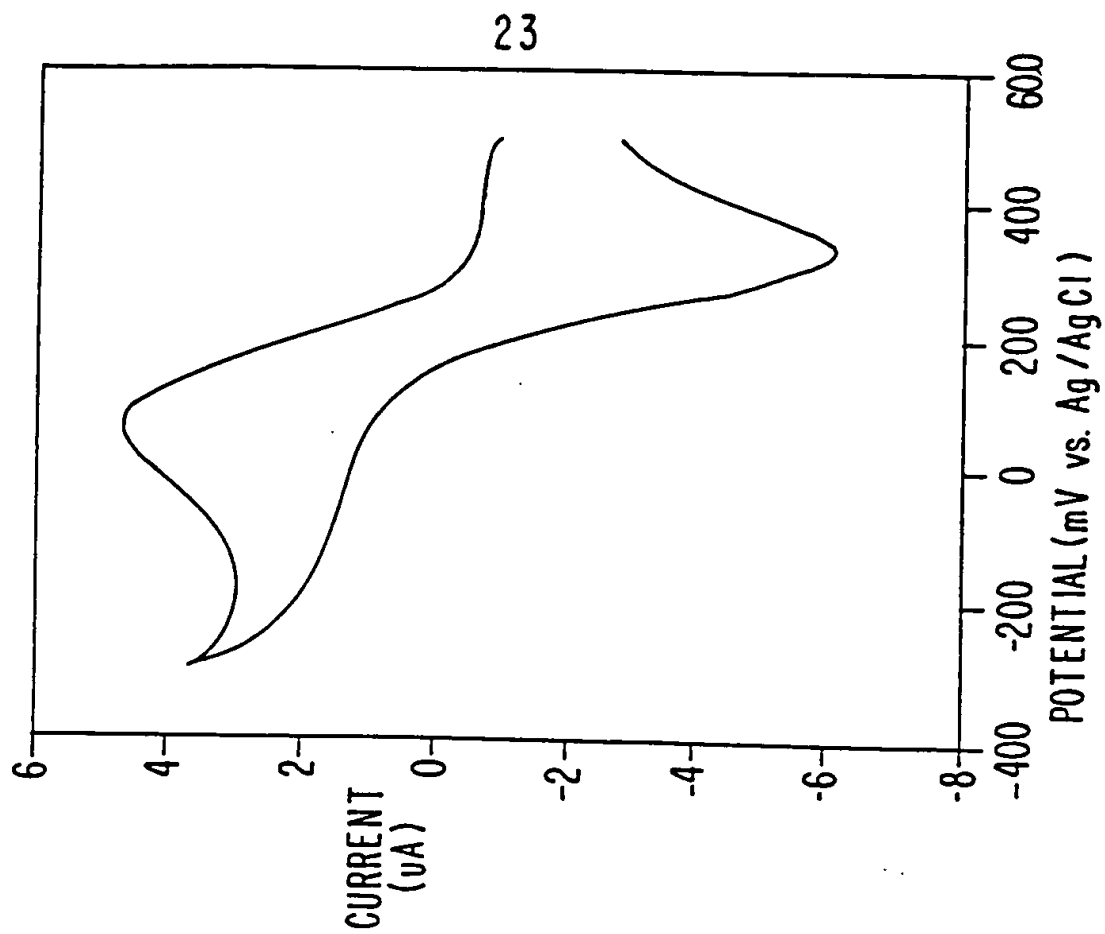


FIG. 45A

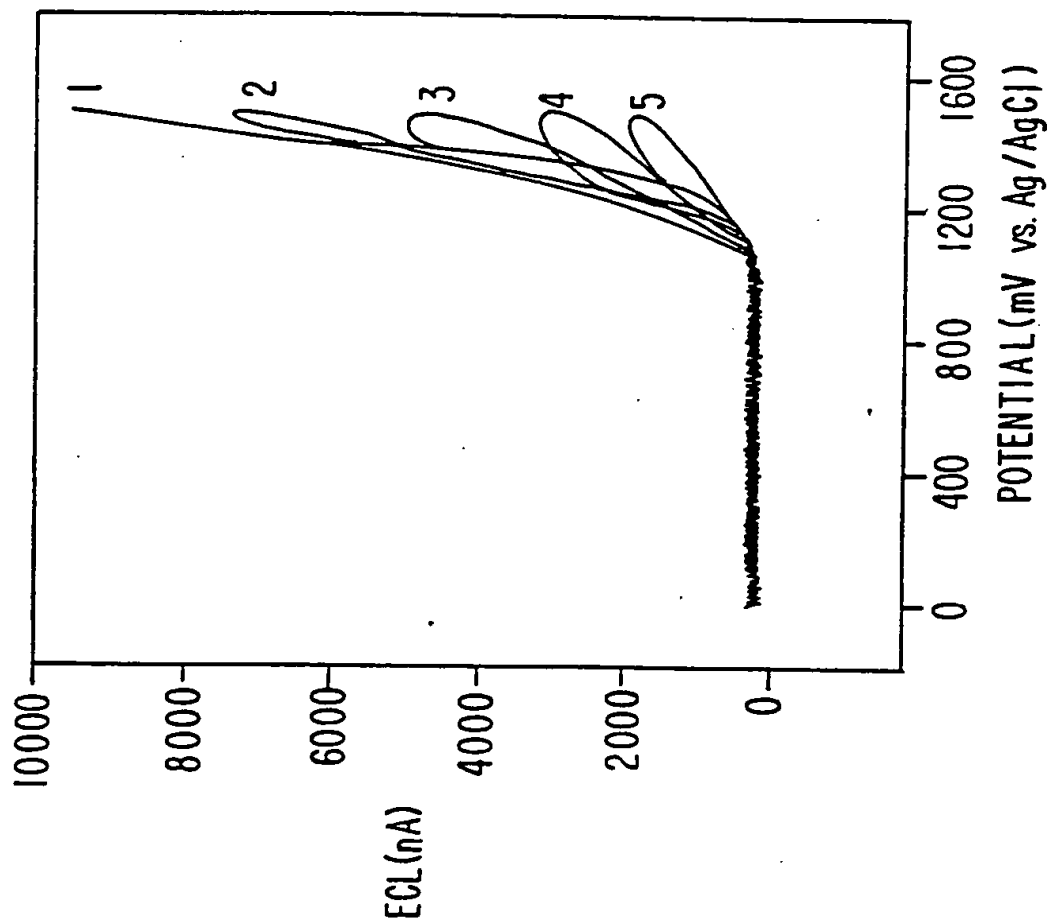


FIG. 45B

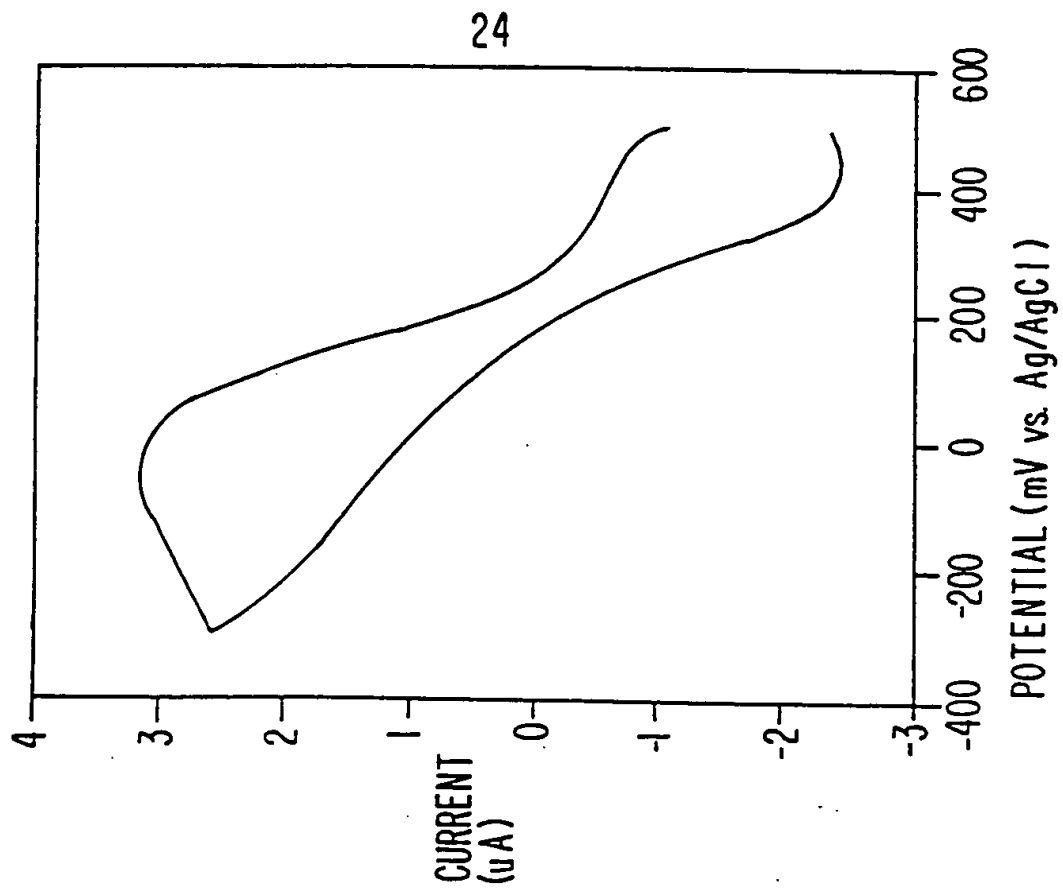




FIG. 46A

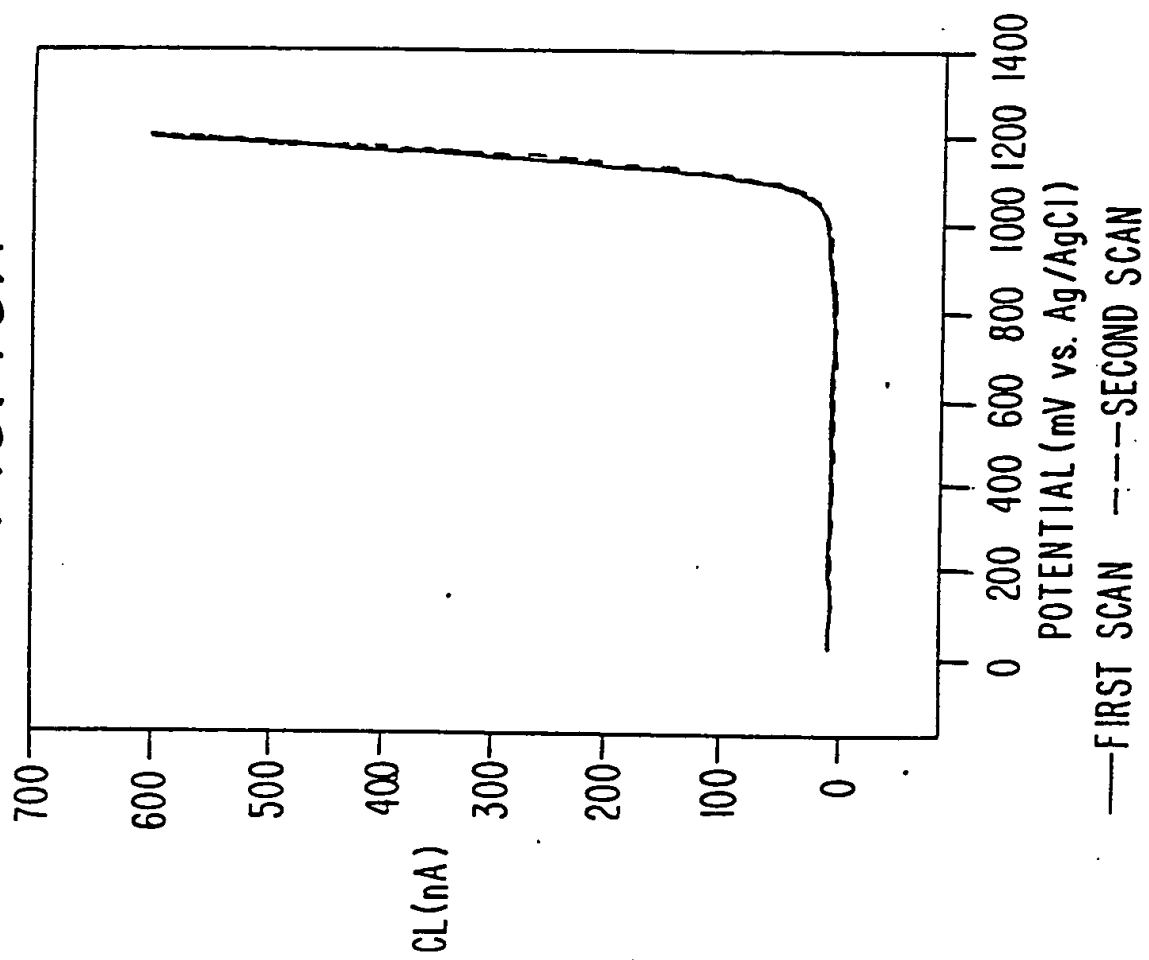


FIG. 46B

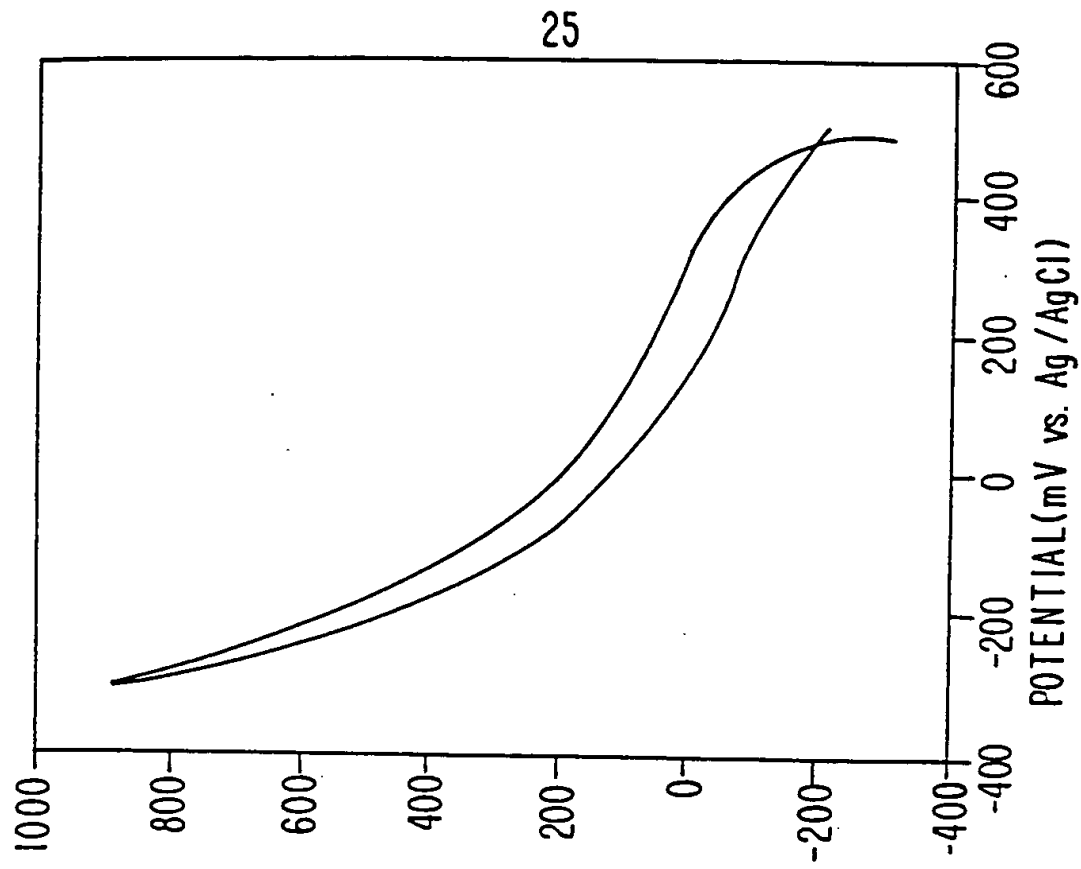
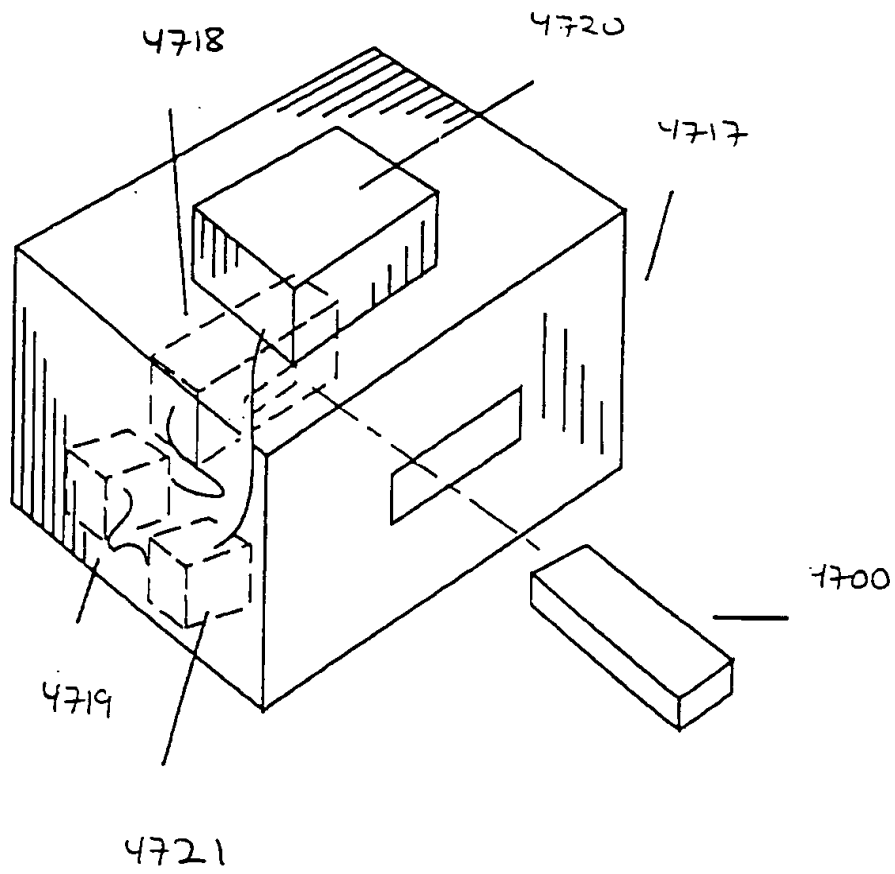


Figure 47



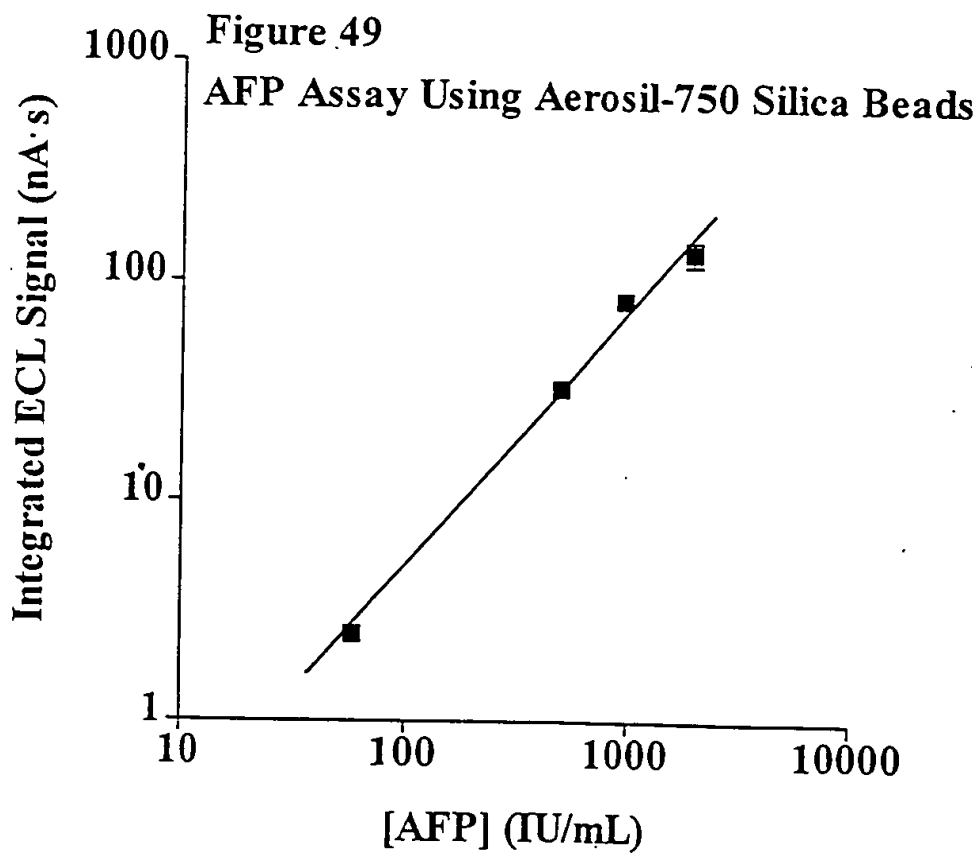
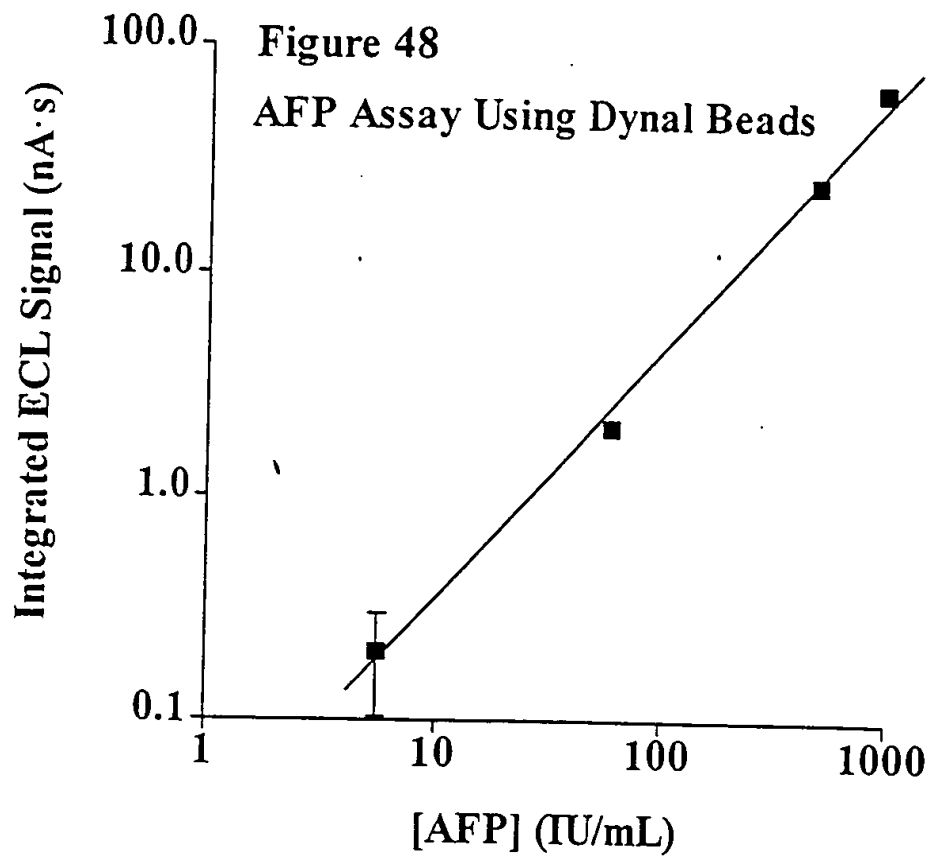




Figure 51

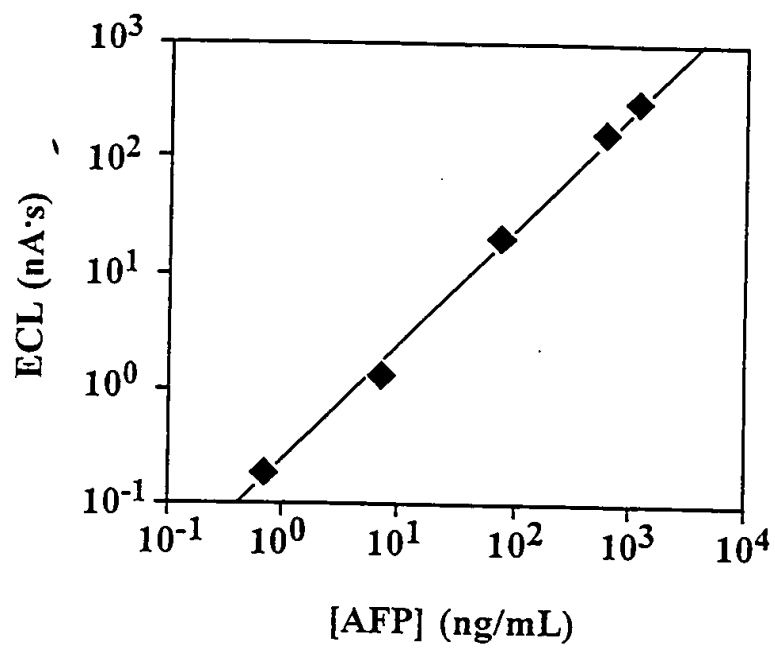


Figure 52

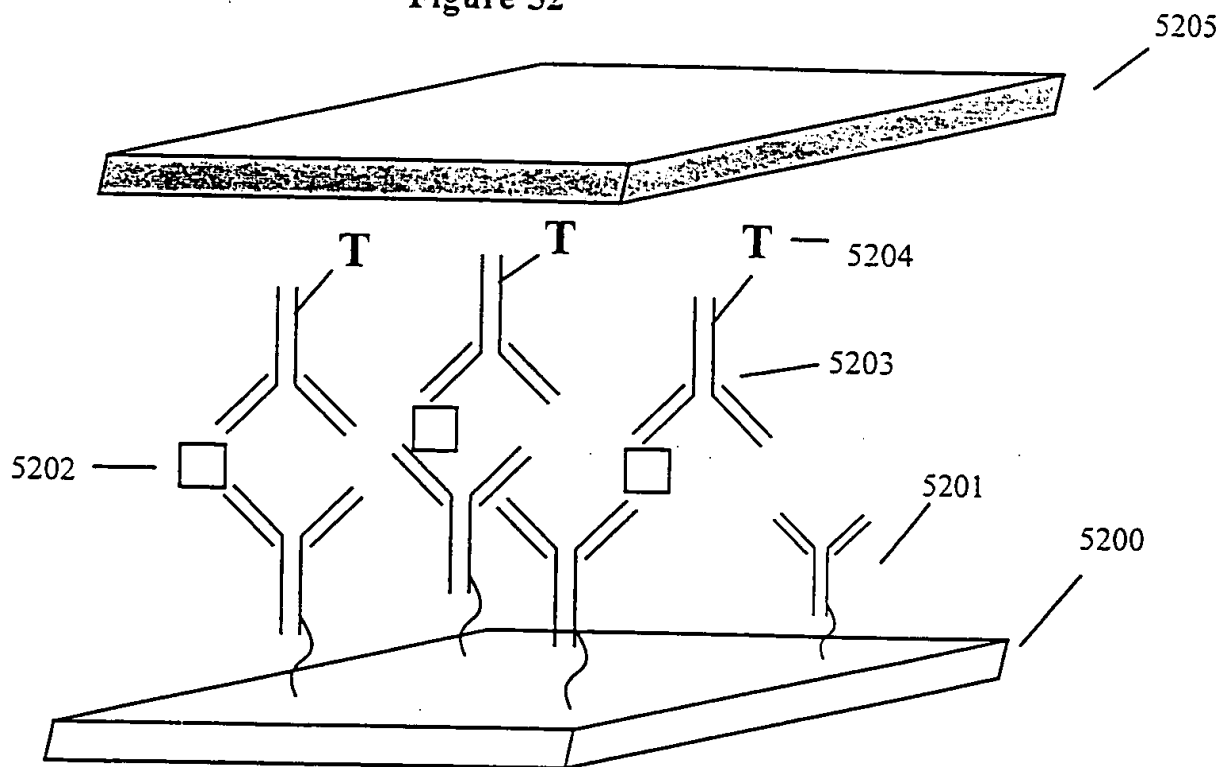


Figure 53

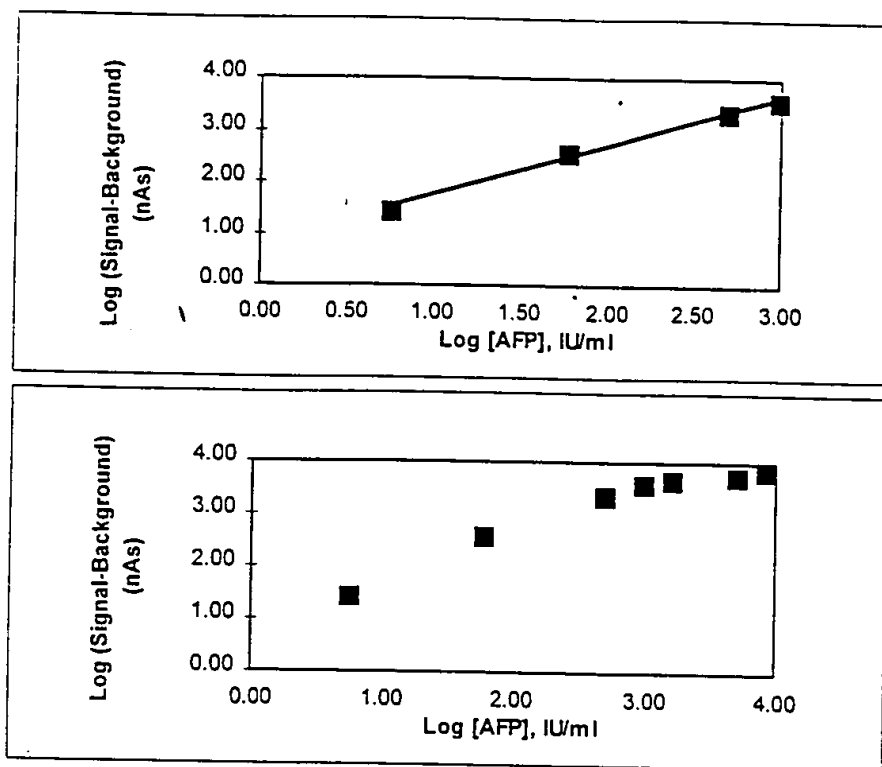
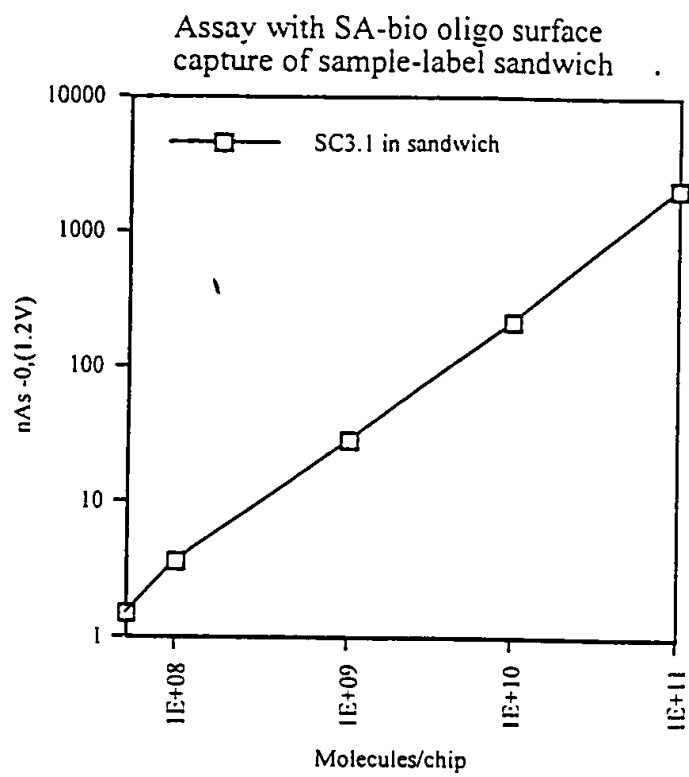


Figure 54





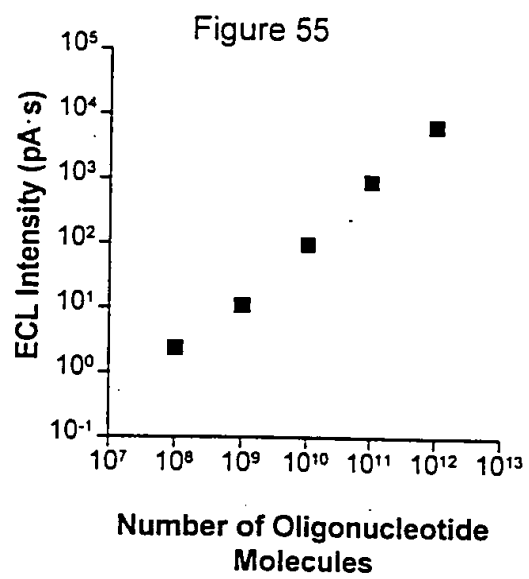


Figure 56

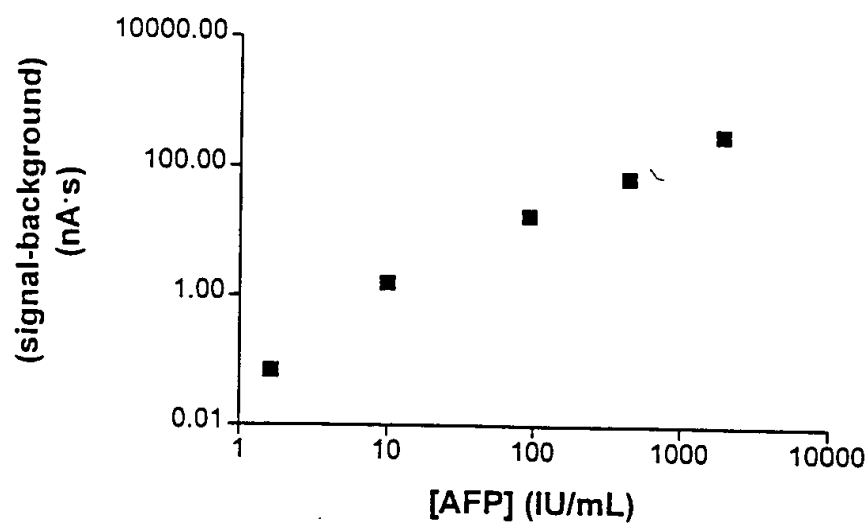
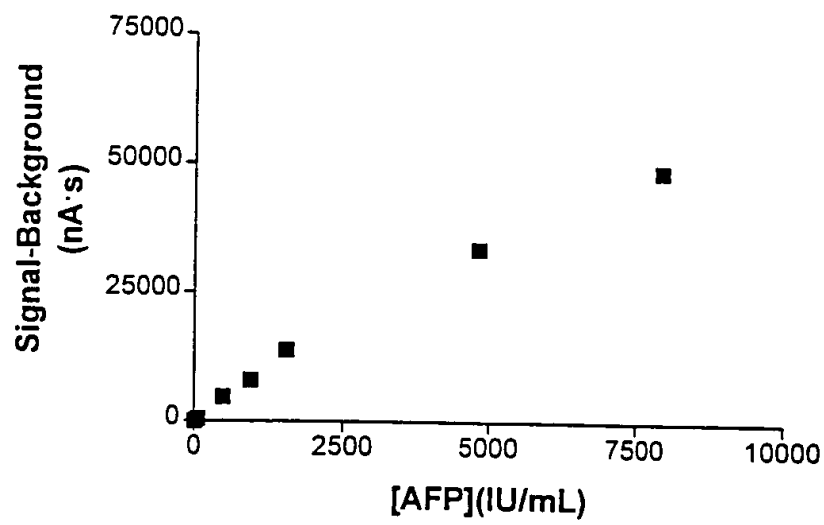
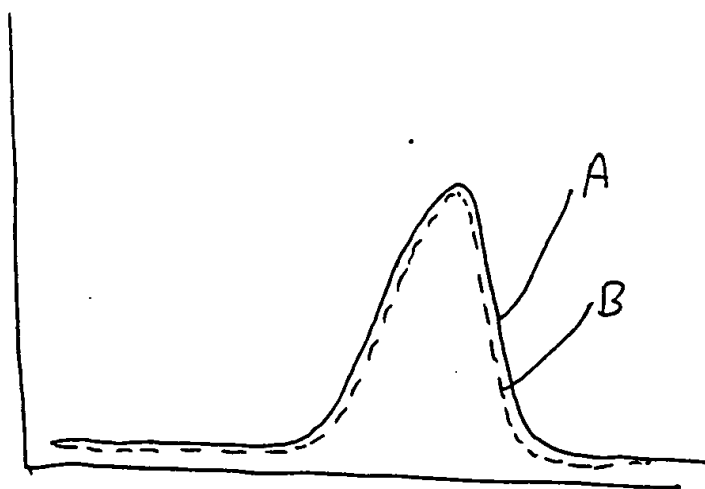


Figure 57



(A)

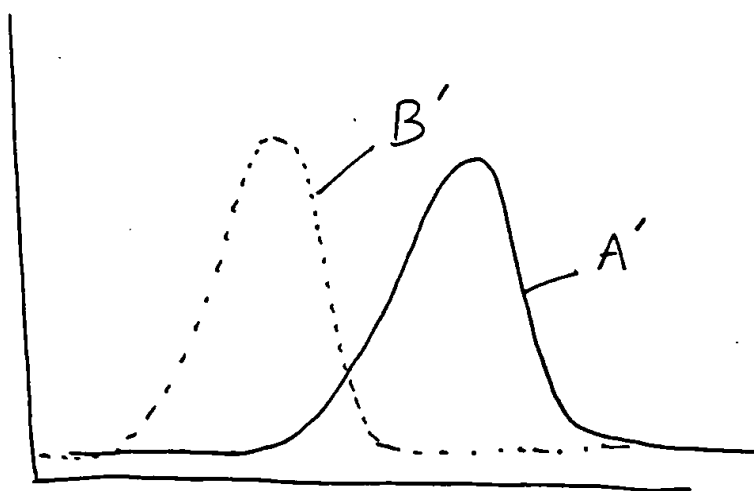
ECL  
Signal



Electrochemical  
Potential

(B)

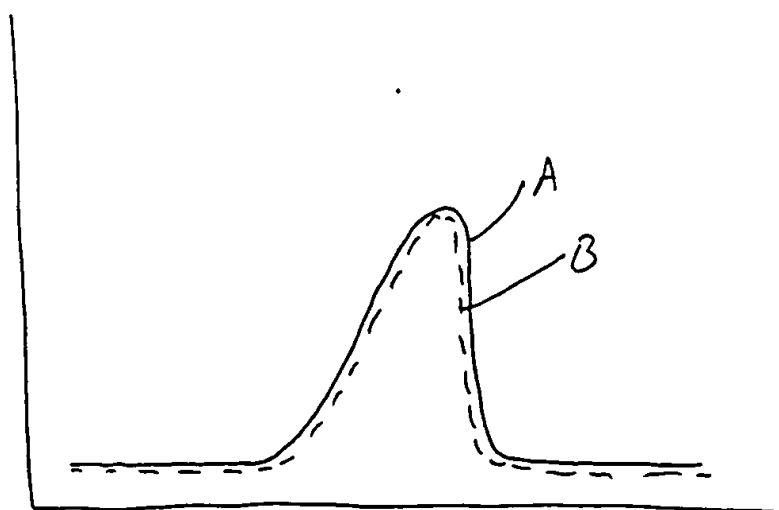
ECL  
Signal



Electrochemical  
Potential

Figure 58

(A)

ECL  
SignalElectrochemical  
Potential

(B)

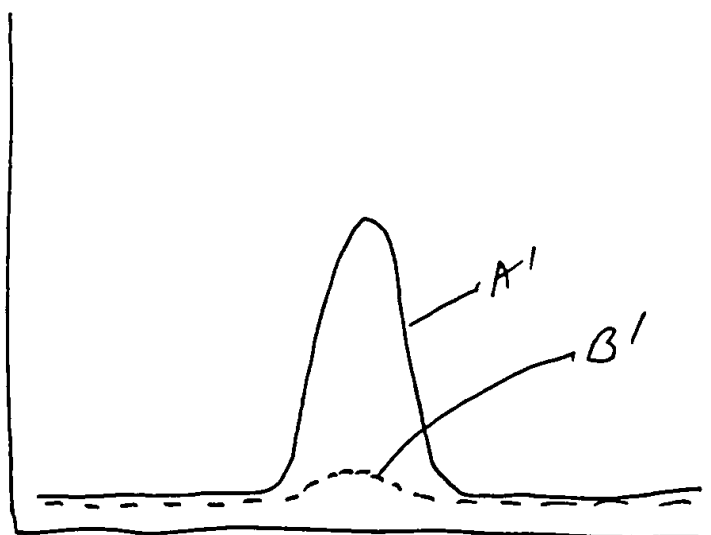
ECL  
SignalElectrochemical  
Potential

Figure S9

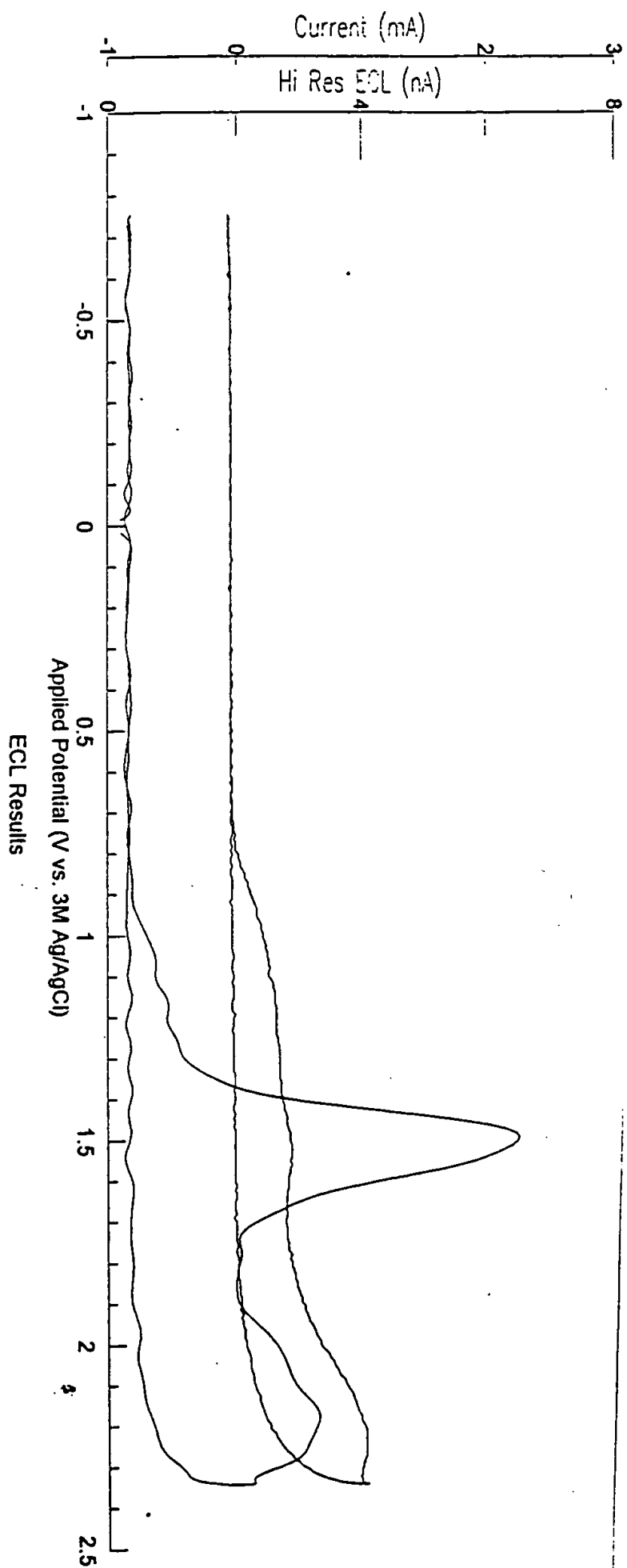


Figure 60

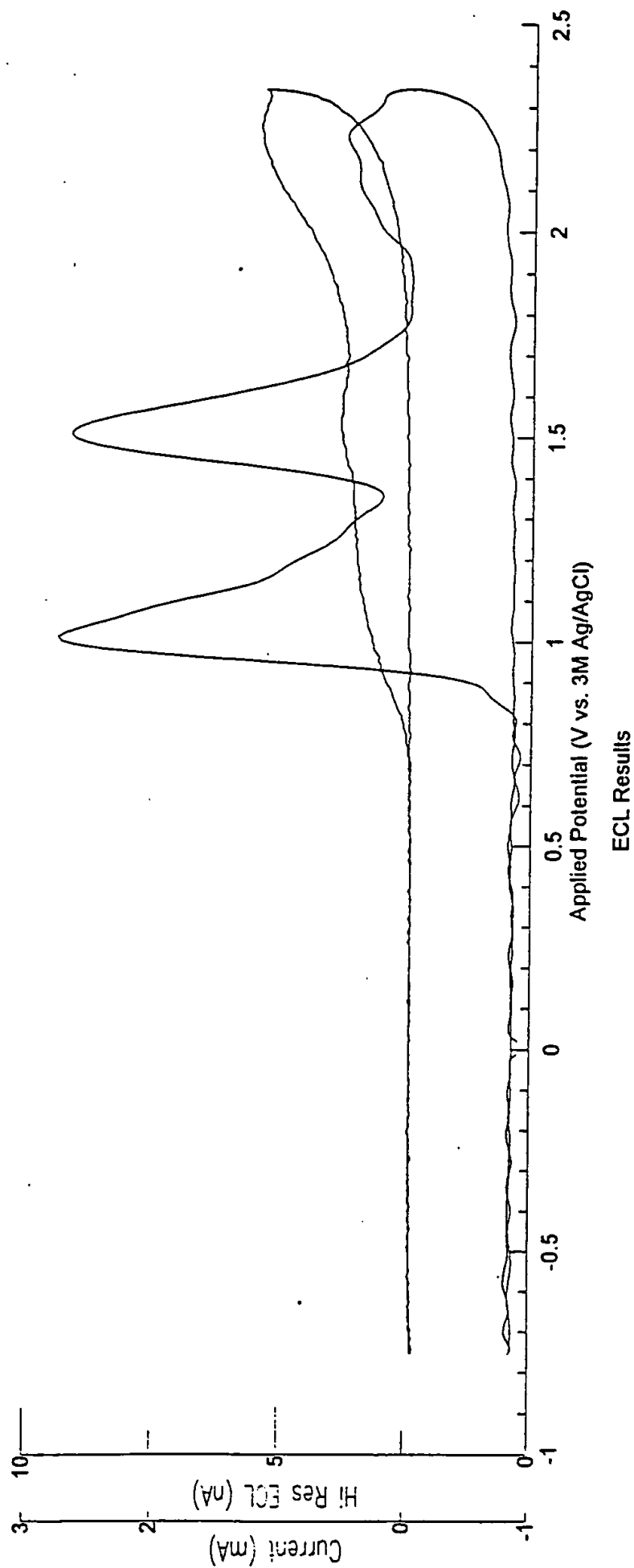


Figure 61

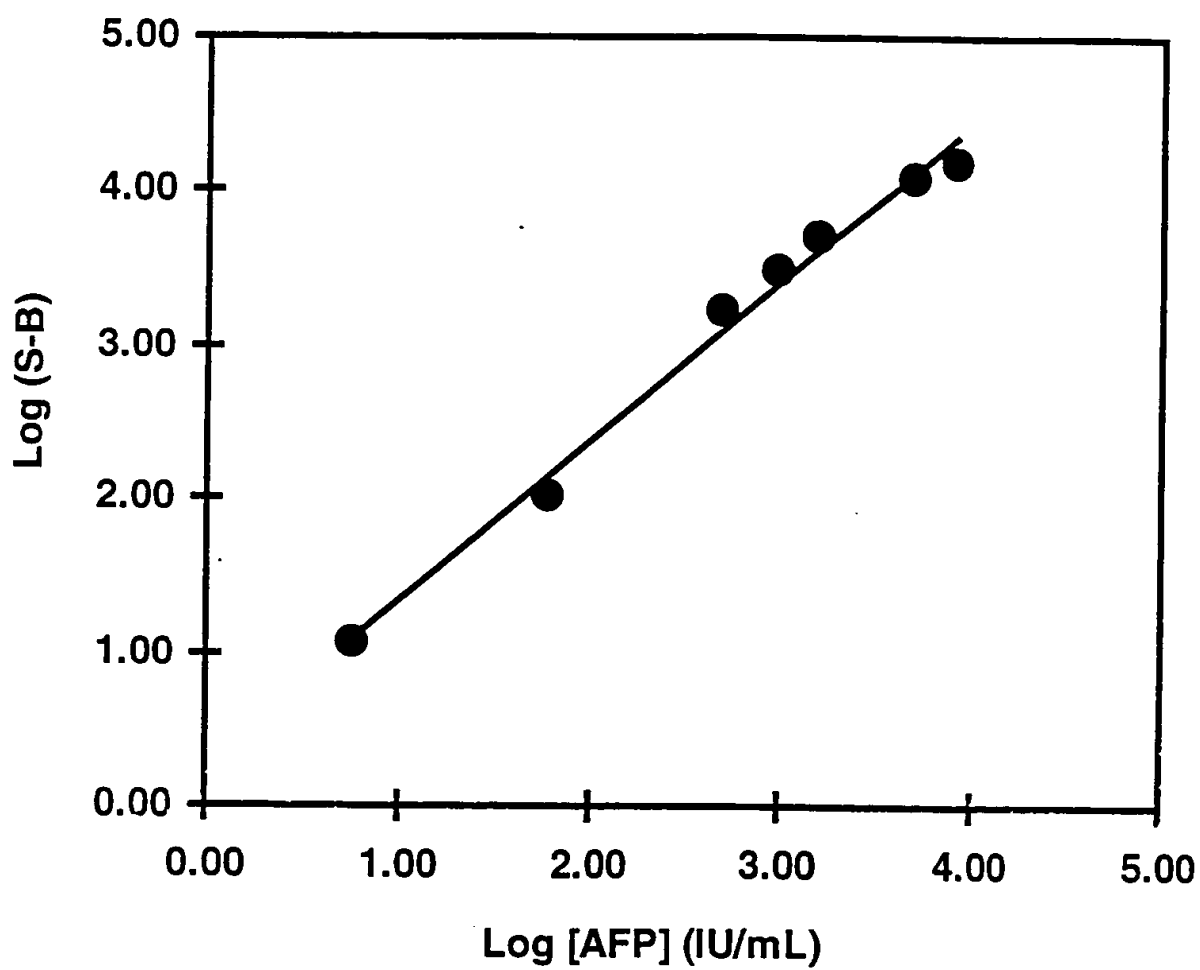


Figure 62



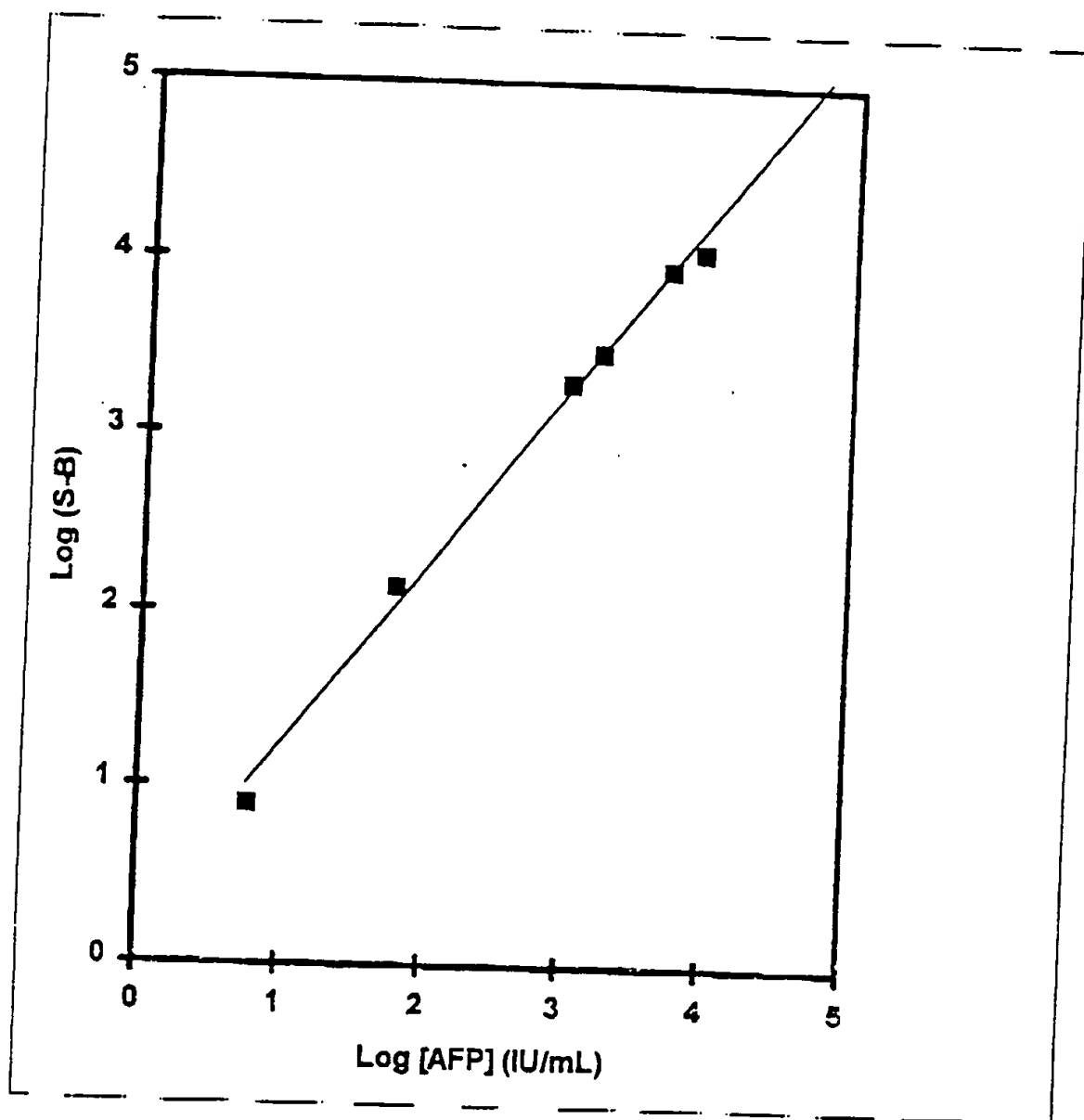


Figure 63

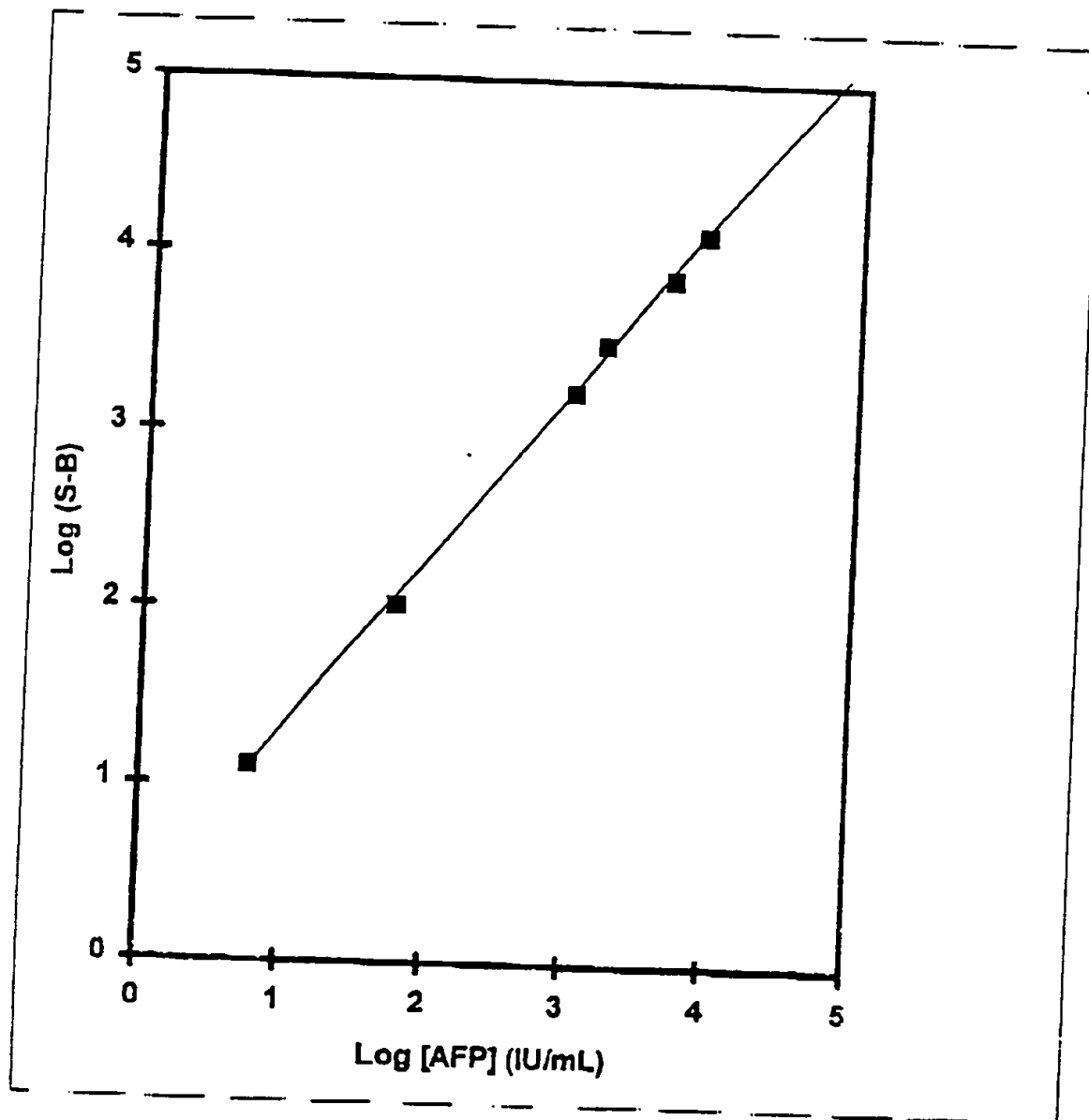


Figure 64

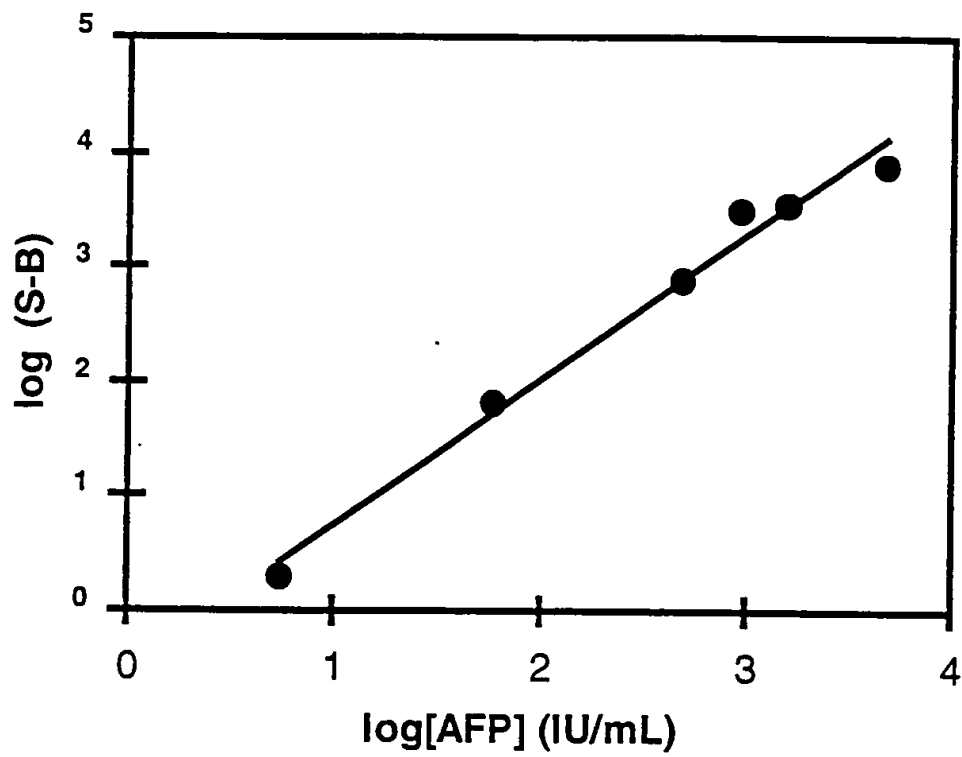


Figure 65

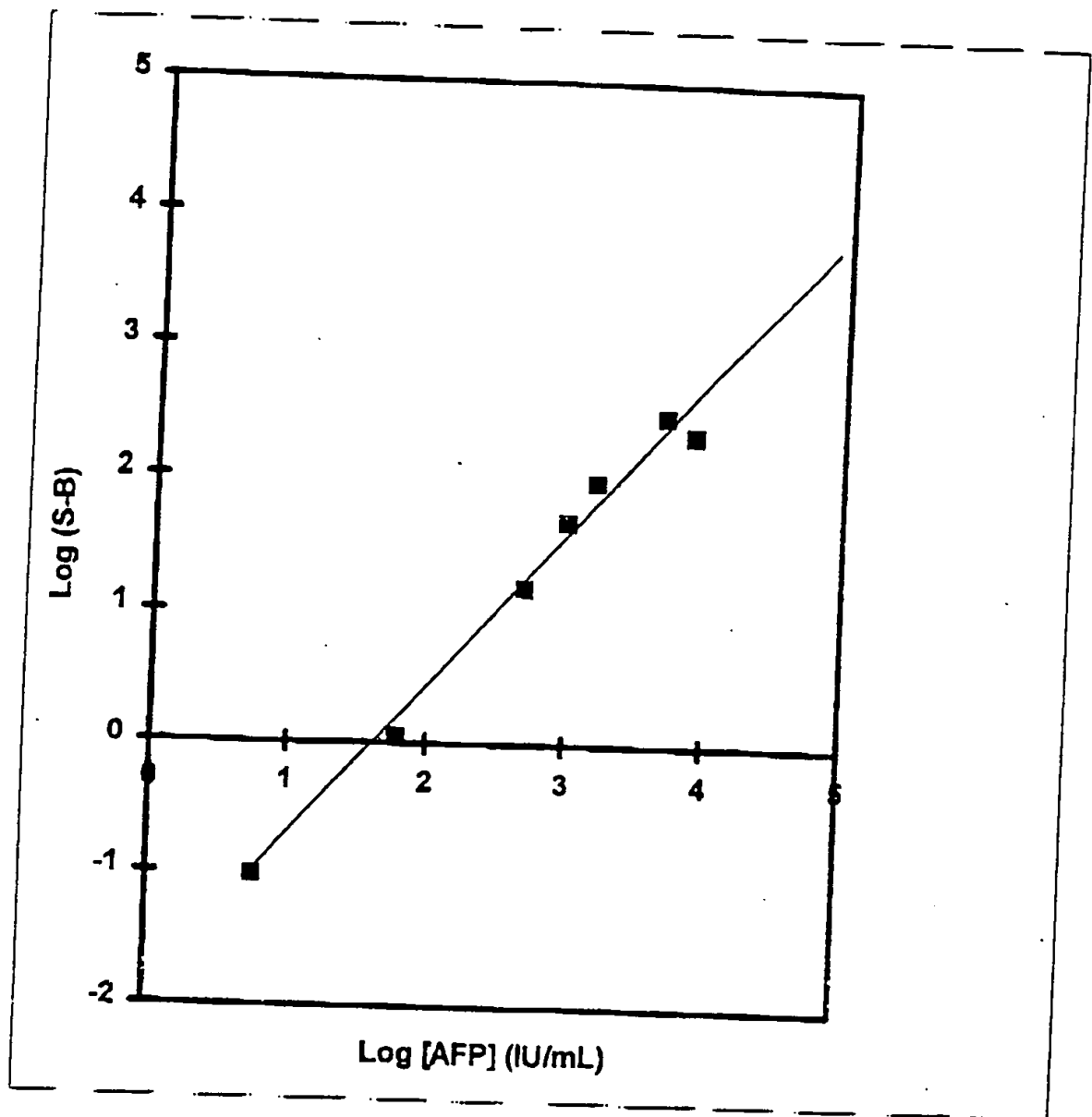


Figure 66

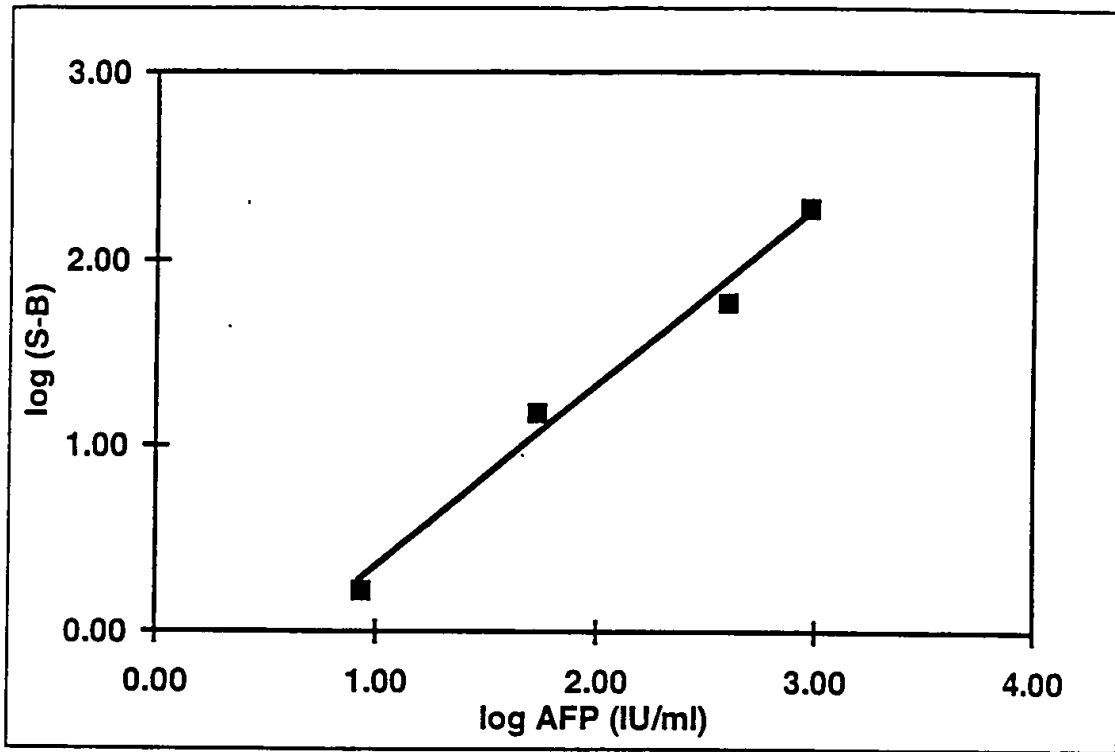


Figure 67

FIG. 68

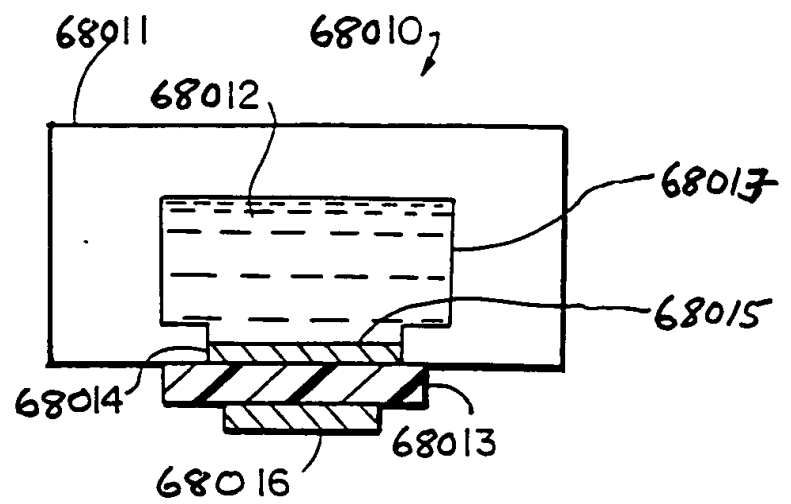


FIG. 69

